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# A CHECK LIST OF NORTH AMERICAN AMPHIBIANS AND REPTILES

BY  
LEONHARD STEJNEGER  
AND  
THOMAS BARBOUR

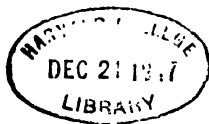


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## INTRODUCTION

**A** CHECK LIST of North American Amphibians and Reptiles has long been wished for by all students of American Herpetology. This list has been prepared generally upon the lines of the American Ornithologists' Union Check List of Birds, and following that example, it has included the species and subspecies which the authors deem valid<sup>1</sup> and of certain occurrence in North America, north of the Rio Grande, and in Lower California, Mexico. Miller's List of North American Land Mammals (Bull. U. S. Nat. Mus., No. 79, 1912) has also been a valued guide.

This volume is the result of lists begun some years ago independently by both authors. The arrangement is on the following system: The higher groups and genera are in systematic sequence, the species are in alphabetic order. No attempt is made to give synonyms. Species not listed are believed to be invalid. The citation of original appearance of names is given for all except such (e. g., family names) as are formed automatically. Following the citation of the original description of each species comes the place of first appearance of the name in its present combination — accurate in so far as we have been able to determine. References are added to Cope's North American Batrachia and to his Crocodilians, Lizards, and Snakes of North America. Both are frequently erratic and inaccurate, but large and excellent portions of both works are to a great extent from the pen of S. F. Baird, as painstaking an investigator as this country has produced. These monographs are in

<sup>1</sup> By this statement it is not meant that the authors in all cases have verified the status of a number of more recently established forms by critical study. The judgment of reliable workers has been accepted where no special reason appeared to contraindicate the validity of the form. As for the admission of subspecies — or rather trinominal designation — for certain forms no special attempt has been made at consistency, the authors on principle leaning towards binominals in all cases where the need of trinominals has not been clearly established.

widespread use, and constitute the most recent attempts toward complete lists. In the case of the difficult genus *Thamnophis* references are given to Ruthven's excellent review. Common names for reptiles and amphibians are in great confusion, and are often of generic rather than of specific application. No attempt is made to recognize any except those which are in well-established usage. The host which have been recently coined by various writers are frequently inapt and almost surely unlikely to survive. It is entirely possible that some vernacular names really often used have escaped our notice, since many are in restricted local use. The type localities are as nearly exact as it is possible to determine. This cannot be said regarding the ranges. Many are obviously faulty, but a sincere attempt has been made to collect records of authentic captures; however, with a literature so extensive and so scattered, records have almost surely been overlooked. In many cases, our knowledge does not warrant drawing hard and fast lines delimiting a form's occurrence, and we often state ranges in purposely general terms. There still is opportunity for valuable field work to determine the precise distribution of many of our most common species. An example is the recent discovery that *Virginia valeriae* is far from rare in parts of New Jersey.

Our hearty thanks are due to many for information and advice, especially to Samuel Henshaw, John Van Denburgh, and Alex. G. Ruthven.

G. K. Noble has assisted considerably in verifying references and searching literature, and for this assistance he has our grateful remembrance.

T. B.

# AMPHIBIA (CLASS)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 194

## CAUDATA (ORDER)

OPPEL, Ordn. Rept. 1811, p. 72

## PROTEIDA (SUBORDER)

COPE, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, 1866, p. 102

## NECTURIDAE (FAMILY)

### *Necturus* (GENUS)

RAFINESQUE, Journ. Phys. Chim. Hist. Nat., Vol. 88, June, 1819, p. 418

TYPE: *maculatus* = *maculosus*

### *Necturus maculosus* (RAFINESQUE)

#### MUDPUPPY, WATERDOG

*Sirena maculosa* RAFINESQUE

Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.

*Necturus maculosus* RAFINESQUE

Ann. Nat., Lexington, No. 1, March 22, 1820, p. 4.

*Necturus maculatus* COPE

Bull. U.S. Nat. Mus., No. 34, 1889, p. 23, fig. 3.

TYPE LOCALITY: Found in the Ohio River.

RANGE: Tributaries of the Great Lakes, the Mississippi River system, the upper Hudson River, and Lake Champlain.

### *Necturus punctatus* (GIBBES)

*Menobranthus punctatus* GIBBES

Proc. Amer. Assoc. Adv. Sci., Charleston, 1850, p. 159.

*Necturus punctatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 27, fig. 4.

TYPE LOCALITY: Dr. Schoolbred's plantation on the South Santee River, a few miles from its mouth, South Carolina.

RANGE: Fresh waters of North and South Carolina, especially rice field ditches.

TYPHLOMOLGIDAE (*FAMILY*)*Typhlomolge* (*GENUS*)

STEJNEGER, Proc. U. S. Nat., Mus., Vol. 18, 1896, p. 620

TYPE: *rathbuni**Typhlomolge rathbuni* STEJNEGER*Typhlomolge rathbuni* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 18, Apr. 15, 1896, p. 620.

TYPE LOCALITY: Artesian well 188 feet deep, at U. S. Fish Commission Station, San Marcos, Hays Co., Texas.

RANGE: Known from vicinity of the type locality only.

MUTABILIA (*SUBORDER*)

MERREM, Syst. Amph., 1820, p. 166

AMPHIUMIDAE (*FAMILY*)*Amphiuma* (*GENUS*)

GARDEN, Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599

TYPE: *means**Amphiuma means* GARDEN

BLIND EEL, CONGO EEL, CONGO SNAKE

*Amphiuma means* GARDEN

Smith's Correspondence of Linnaeus, Vol. 1, 1821, p. 599, (desc. p. 333).

*Amphiuma means* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 216.

TYPE LOCALITY: Not stated, but from the context evidently either Charleston or East Florida.

RANGE: From Virginia south to Florida, west to Louisiana.

*Amphiuma tridactylum* CUVIER*Amphiuma tridactylum* CUVIER

Mém. Mus. Hist. Nat. Paris, Vol. 14, 1827, p. 7, pl. 1, figs. 4-6, pl. 2, figs. 9-18.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Northern Florida to Southern Mississippi and Louisiana, up the Mississippi Valley at least to Missouri.

## CRYPTOBRANCHIDAE (FAMILY)

**Cryptobranchus** (GENUS)

LEUCKART, Isis, 1821, Lit. Anz., p. 259

TYPE: *gigantea* = *alleganiensis***Cryptobranchus alleganiensis** (DAUDIN)

HELL-BENDER

*Salamandra alleganiensis* DAUDIN

Hist. Nat. Rept., Vol. 8, 1803, p. 231.

*Cryptobranchus alleghaniensis* VAN DER HOEVEN

Tijdschr. Nat. Geschied. Physiol., Vol. 4, 1837, p. 384.

*Cryptobranchus allegheniensis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 38, fig. 5.

TYPE LOCALITY: Alleghany Mts. in Virginia.

RANGE: Western New York, the Great Lakes system, Iowa and southward to Georgia and Louisiana.

## SALAMANDRIDAE (FAMILY)

**Notophthalmus** (GENUS)

RAFINESQUE, Ann. Nat., Lexington, No. 1, March 22, 1820, p. 5

TYPE: *miniatus* = *viridescens***Notophthalmus meridionalis** (COPE)*Diemyctylus miniatus*, subsp. *meridionalis* COPE

Bull. U. S. Nat. Mus., No. 17, 1880, p. 30.

*Diemyctylus viridescens meridionalis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 211, fig. 54.

TYPE LOCALITY: Matamoros, Tamaulipas, Mexico.

RANGE: Southern Georgia to Louisiana, Texas and Tamaulipas.

**Notophthalmus torosus** (ESCHSCHOLTZ)

GIANT NEWT, CALIFORNIA NEWT

*Triton torosus* ESCHSCHOLTZ

Zool. Atlas, Pt. 5, 1833, p. 12, pl. 21, fig. 15.

*Notophthalmus torosus* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.

*Diemyctylus torosus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 204, fig. 51.

TYPE LOCALITY: Surroundings of the Bay of San Francisco, California.

RANGE: California, Oregon and Washington.

**Notophthalmus viridescens viridescens (RAFINESQUE)****COMMON NEWT (AQUATIC FORM) RED EFT OR EBBET (TERRESTRIAL FORM)***Triturus viridescens* RAFINESQUE

Ann. Nat., Lexington, No. 1, March 22, 1820, p. 5.

*Notophthalmus viridescens* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.

*Diemyctylus viridescens* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 207, figs. 52-53.

**TYPE LOCALITY:** Lake George, Lake Champlain.**RANGE:** Eastern North America, Hudson Bay to Texas, west Illinois, Michigan, Missouri to Oklahoma.**Notophthalmus viridescens vittatus (H. GARMAN)***Diemyctylus viridescens* var. *vittatus* H. GARMAN

Journ. Cincinnati Soc. Nat. Hist., Vol. 19, 1897, p. 49.

**TYPE LOCALITY:** Wilmington, North Carolina.**RANGE:** Only known from type locality.**AMBYSTOMIDAE (FAMILY)****Ambystoma (GENUS)**

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92

**TYPE:** *subviolacea* = *maculatum***Ambystoma annulatum COPE***Amblystoma annulatum* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 525.

*Linguaelapsus annulatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 115, fig. 25.

**TYPE LOCALITY:** Unknown.**RANGE:** Arkansas.**Ambystoma aterrimum COPE***Amblystoma aterrimum* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 201.

*Chondrotus aterrimus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 109, fig. 23.

**TYPE LOCALITY:** Northern Rocky Mountains (in Montana).**RANGE:** Northern Rocky Mountains.**Ambystoma cingulatum COPE***Amblystoma cingulatum* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 205.

*Chondrotus cingulatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 100, p. 455, fig. 116.

**TYPE LOCALITY:** Grahamville, South Carolina.

**RANGE:** South Carolina to Northern Florida.

**Ambystoma conspersum COPE**

*Ambystoma conspersum* COPE

Proc. Ac. Nat. Sci. Phila., 1859, p. 123.

*Amblystoma conspersum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 61, fig. 10.

**TYPE LOCALITY:** Londongrove, Chester Co., Pennsylvania.

**RANGE:** Pennsylvania to Georgia.

**Ambystoma decortdatum COPE**

*Amblystoma decortdatum* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 522.

*Chondrotus decorticatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 107, fig. 22.

**TYPE LOCALITY:** Port Simpson, British Columbia.

**RANGE:** Coastal region of South Eastern Alaska and British Columbia.

**Ambystoma epixanthum COPE**

*Amblystoma epixanthum* COPE

Proc. Ac. Nat. Sci. Phila., 1883, p. 16.

*Amblystoma epixanthum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 97, fig. 18.

**TYPE LOCALITY:** "Swamp near head of South Boise River, on the south side of the Sawtooth Mts., Idaho."

**RANGE:** Idaho and Montana.

**Ambystoma jeffersonianum (GREEN)**

*Salamandra jeffersoniana* GREEN

Contr. Maclur. Lyc., Vol. 1, No. 1, Jan. 1827, p. 4, pl. 1, fig. 1.

*Ambystoma jeffersoniana* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 283.

*Amblystoma jeffersonianum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 89, figs. 15-16.

**TYPE LOCALITY:** Near Jefferson College, Cannonsburg, Pennsylvania.

**RANGE:** Canada (to Hudson Bay) and New England, southward to Virginia, Illinois and Arkansas.

**Ambystoma lepturum COPE**

*Amblystoma lepturum* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 524.



*Linguaelapsus lepturus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 116, fig. 26.

TYPE LOCALITY: Unknown.

RANGE: Unknown.

*Ambystoma macrodactylum* BAIRD*Ambystoma macrodactyla* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 292.

*Ambystoma macrodactylum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 95, fig. 17.

TYPE LOCALITY: Astoria, Oregon.

RANGE: Northern California to British Columbia, Montana.

*Ambystoma maculatum* (SHAW)

## SPOTTED SALAMANDER

*Lacerta maculata* SHAW

Gen. Zool. Vol. 3, Pt. 1, 1802, p. 304.<sup>1</sup>

*Ambystoma maculatum* STEJNEGER

Proc. Biol. Soc. Washington, Vol. 15, Dec. 16, 1902, p. 239.

*Ambystoma punctatum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 56, fig. 9.

TYPE LOCALITY: Carolina (based on Catesby, Nat. Hist. Carolina, Ed. 1, Appendix, 1748, pl. 10, fig. 10.)

RANGE: Nova Scotia west to Wisconsin, southward to Georgia and Texas.

*Ambystoma microstomum* COPE*Amblystoma microstomum* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 123.

*Chondrotus microstomus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 101, fig. 19.

TYPE LOCALITY: Wabash, Ohio.<sup>2</sup>

RANGE: South Carolina to Texas, northward to Ohio, Illinois and possibly Canada.

*Ambystoma opacum* (GRAVENHORST)

## MARBLED SALAMANDER

*Salamandra opaca* GRAVENHORST.

Vergl. Uebers. Zool. Syst., 1807, p. 431.

*Ambystoma opaca* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 233.

<sup>1</sup> This is *Lacerta punctata* of Linné, Syst. Nat., Ed. 12, 1766, p. 370, but not *L. punctata* of Linné, Syst. Nat., Ed. 10, 1758, p. 209, or Ed. 12, 1766, p. 369.

<sup>2</sup> Possibly incorrect, cf. Fowler and Dunn, Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 11. It is probably Wabash River, Indiana.

*Amblystoma opacum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 54, fig. 8.

TYPE LOCALITY: New York.

RANGE: From Massachusetts to Florida, west to Louisiana and Texas, Mississippi basin north to Arkansas, Missouri, Indiana and Illinois.

*Ambystoma paroticum* BAIRD

*Amblystoma paroticum* BAIRD,

in Cope Proc. Ac. Nat. Sci. Phila., 1867, p. 200.

*Chondrotus paroticus* COPE

Bull. U. S. Nat. Mus., N. 34, 1889, p. 105, fig. 21.

TYPE LOCALITY: Chiloweyuck Lake, British Columbia.

RANGE: Northern California to British Columbia, Vancouver Island.

*Ambystoma stejnegeri* RUTHVEN

*Ambystoma stejnegeri* RUTHVEN

Proc. U. S. Nat. Mus., Vol. 41, Jan. 22, 1912, p. 517.

TYPE LOCALITY: Bloomfield, Davis Co., Iowa.

RANGE: Southeastern Iowa.

*Ambystoma talpoideum* (HOLBROOK)

MOLE SALAMANDER

*Salamandra talpoidea* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 117, pl. 29.

*Ambystoma talpoideum* GRAY

Cat. Batr. Grad. Brit. Mus., 1850, p. 36.

*Amblystoma talpoideum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 52, fig. 7.

TYPE LOCALITY: Sea Islands on the border of South Carolina.

RANGE: South Atlantic and Gulf States, Louisiana to Illinois.

*Ambystoma tenebrosum*<sup>1</sup> BAIRD and GIRARD

*Amblystoma tenebrosum* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.

*Chondrotus tenebrosus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 111, fig. 24.

TYPE LOCALITY: Oregon.

RANGE: Central California to Southern coastal region of British Columbia.

<sup>1</sup> According to Van Denburgh *Dicamptodon ensatus* (Eschscholtz Zool. Atlas, pt. 5, 1833, p. 6, pl. 22), is a synonym of *Ambystoma tenebrosum* Baird and Girard; until, however, it is possible to examine the type, if it still exists at Dorpat or Rostock, it seems better to consider this allocation only provisional, in view of the fact that the figure in the Zoologisches Atlas is not very similar to the *Ambystoma*. We do not, however, include it in the list.

**Ambystoma texanum (MATTHES)***Salamandra texana* MATTHES

Allg. deutsche naturh. Zeitschr., N. S., Vol. 1, 1855, p. 266.

*Amblystoma texanum* BAIRD

U. S. Nat. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 29, pl. 35, fig. 15.

*Chondrotus texanus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 104, fig. 20.

TYPE LOCALITY: "Das erste Exemplar fand ich . . . im Urwalde am Rio Colorado, das zweite ebenfalls . . . im Cumming's Creeck (sic) Bottom, Fayette County."

RANGE: Texas.

**Ambystoma tigrinum (GREEN)****TIGER SALAMANDER***Salamandra tigrina* GREEN

Journ. Ac. Nat. Sci. Phila., Vol. 5, 1825, p. 116.

*Ambystoma tigrina* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 284.

*Amblystoma tigrinum* COPE<sup>1</sup>

Bull. U. S. Nat. Mus., No. 34, 1889, p. 68, figs. 12-13.

TYPE LOCALITY: Near Moorestown, New Jersey.

RANGE: Widely distributed over almost all the United States, east of the Rocky Mts., and extending southward over the northern portion of the Mexican plateau.

**Ambystoma trisruptum COPE***Amblystoma trisruptum* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 194.

*Amblystoma trisruptum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 86.

TYPE LOCALITY: Ocate Creek, New Mexico.

RANGE: New Mexico.

**Ambystoma xiphias COPE***Amblystoma xiphias* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 192.

*Amblystoma xiphias* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 87, fig. 14.

TYPE LOCALITY: Columbus, Ohio.

RANGE: Ohio.

<sup>1</sup> According to a note in Cope's handwriting in the jar containing the type of *A. copeianum* Hay, he considered it the same as *A. tigrinum*, although it is recognized in his *Batrachia* of North America.

**Ranodon (GENUS)**

KESSLER, Bull. Soc. Natural. Moscou, Vol. 39, pt. 1, 1866, p. 130

TYPE: *sibiricus*

**Ranodon olympicus GAIGE**

*Ranodon olympicus* GAIGE

Occ. Papers Mus. Zool. Univ. Michigan, No. 40, May 30, 1917, p. 2,  
pl. 1.

TYPE LOCALITY: Lake Cushman, Washington.

RANGE: The Olympic Mts. Washington

**PLETHODONTIDAE (FAMILY)****Batrachoseps (GENUS)**

BONAPARTE, Iconogr. Fauna Italica, Vol. 2, fasc. 26, 1839,  
fol. 131 \* \* \* (not paged)

TYPE: *attenuatus*

**Batrachoseps attenuatus (ESCHSCHOLTZ)**

*Salamandrina attenuata* ESCHSCHOLTZ

Zool. Atlas, Pt. 5, 1833, p. 1, pl. 21, figs. 1-14.

*Batrachoseps attenuatus* COOPER

Pacif. R. R. Surv., Vol. 12, pt. 3, 1858, Zool., p. viii, pl. 31, fig. 5.

*Batrachoseps attenuatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 127, fig. 28.

TYPE LOCALITY: Environs of Bay of San Francisco, Cal.

RANGE: Southwestern Oregon, California, and Lower California.

**Batrachoseps caudatus COPE**

*Batrachoseps caudatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 126, fig. 27.

TYPE LOCALITY: Hassler Harbor, Alaska. (Probably on Anette  
Island, S. E. Alaska.)

RANGE: Northern Channel Islands, Alaska.

**Batrachoseps pacificus (COPE)**

*Hemidactylum pacificum* COPE

Proc. Ac. Nat. Sci. Phila., 1865, p. 195.

*Batrachoseps pacificus* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 99.

*Batrachoseps pacificus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 129.

TYPE LOCALITY: Santa Barbara (?), Cal.

RANGE: Islands off the coast of California.

**Batrachoseps major** CAMP*Batrachoseps major* CAMP

Univ. California Publ. Zool., Vol. 12, No. 12, Apr. 2, 1915, p. 327.

**TYPE LOCALITY:** Sierra Madre, 1,000 feet elevation, Los Angeles Co., California.**RANGE:** Southwestern California.**Hemidactylium** (GENUS)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94

**Hemidactylium scutatum** (SCHLEGEL)**FOUR-TOED SALAMANDER***Salamandra scutata* SCHLEGEL

Fauna Japonica, Saur. Batr., 1838, p. 119.

*Hemidactylium scutatum* TSCHUDI

Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 94.

*Hemidactylium scutatum* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 130, fig. 29.

**TYPE LOCALITY:** Nashville, Tennessee.**RANGE:** Massachusetts, southern Canada westward to Michigan, south to Georgia and the Gulf States, also Arkansas and Illinois.**Plethodon** (GENUS)

TSCHUDI, Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92

**TYPE:** *cinereus***Plethodon aeneus** COPE and Packard*Plethodon aeneus* COPE and Packard

Amer. Nat., Vol. 15, 1881, p. 878.

*Plethodon aeneus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 143, fig. 32.

**TYPE LOCALITY:** Nickajack Cave, southern Tennessee.**RANGE:** Virginia to northern Georgia and Tennessee.**Plethodon croceater** COPE*Plethodon croceater* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 210.

*Plethodon croceater* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 150.

**TYPE LOCALITY:** Fort Tejon, California (?).**RANGE:** Lower California, and California north to El Dorado County.

**Plethodon dorsalis (COPE)<sup>1</sup>***Plethodon cinereus dorsalis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 138.

TYPE LOCALITY: Salem, Massachusetts (?), and Louisville, Kentucky.

RANGE: Southern Illinois, southern Ohio, southern Indiana and western Kentucky.

**Plethodon elongatus VAN DENBURGH***Plethodon elongatus* VAN DENBURGH

Proc. California Ac. Sci., Ser. 4, Vol. 6, No. 7, May 12, 1916, p. 216.

TYPE LOCALITY: Requa, Del Norte Co., California.

RANGE: Requa, Del Norte Co., California.

**Plethodon cinereus (GREEN)<sup>2</sup>**

REDBACKED SALAMANDER; DUSKY SALAMANDER (NAMES FOR THE TWO COLOR PHASES)

*Salamandra cinerea* GREEN

Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 356.

*Plethodon cinereus* TSCHUDI

Mém. Soc. Sci. Nat. Neuchâtel, 1838, p. 92.

*Plethodon cinereus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 133, fig. 30.

TYPE LOCALITY: New York in rocky situations.

RANGE: Eastern Canada and the states east of the Mississippi River, also Missouri.

**Plethodon eschscholtzii (GRAY)***Ensatina eschscholtzii* GRAY

Cat. Batr. Grad. Brit. Mus., 1850, p. 48.

*Plethodon eschscholtzii* GRINNELL and CAMP

Univ. California Publ. Zool., Vol. 17, July 11, 1917, p. 132.

*Plethodon oregonensis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 148, fig. 35.

TYPE LOCALITY: California.

RANGE: Puget Sound to Los Angeles, California.

<sup>1</sup> There is no evidence that Baird ever described this species which is generally credited to him. Cope (Proc. Ac. Nat. Sci. Phila., 1869, p. 100) mentions it as a variety of *Plethodon cinereus*, thus, "Var.  $\gamma$ . *dorsalis*, Baird, M.S. 3776. Louisville, Ky.; Salem, Mass." This reference is a *nomen nudum* pure and simple.

<sup>2</sup> Green described this species and also named the synonymous *erythronotus* upon the same page. It therefore remained for the first reviser to fix the correct name for the species. This Tschudi did in 1838.

**Plethodon glutinosus (GREEN)****SLIMY SALAMANDER***Salamandra glutinosa* GREEN

Journ. Ac. Nat. Sci. Phila., Vol. 1, Pt. 2, Sept. 1818, p. 357.

*Plethodon glutinosus* TSCHUDI

Mém. Soc. Sci. Nat. Neuchâtel, 1828, p. 92.

*Plethodon glutinosus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 139, fig. 31.

**TYPE LOCALITY:** Not mentioned but obviously Princeton, New Jersey. Here Green lived, and he mentions often finding the creature under stones.

**RANGE:** Eastern Canada, New England to Wisconsin, south to Florida, the Gulf States to Texas and to Missouri.

**Plethodon intermedius BAIRD***Plethodon intermedius* BAIRD

Proc. Ac. Nat. Sci. Phila., 1867, p. 209.

*Plethodon intermedius* COPE<sup>1</sup>

Bull. U. S. Nat. Mus., No. 34, 1889, p. 145, fig. 33.

**TYPE LOCALITY:** Fort Tejon, California (?).

**RANGE:** Oregon, Washington, Vancouver Island.

**Plethodon jordani BLATCHLEY***Plethodon jordani* BLATCHLEY

25 Ann. Rep. Dept. Geol. Indiana, 1900 (1901), p. 762.

**TYPE LOCALITY:** Mt. Collins and Indian Pass, 3000-5000 feet altitude, Sevier Co., Tenn.

**RANGE:** Tennessee.

**Plethodon metcalfi BRIMLEY***Plethodon metcalfi* BRIMLEY

Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 138. pl. 6, figs. 1, 2, 4, 7-11.

**TYPE LOCALITY:** Sunburst, Haywood Co., North Carolina.

**RANGE:** Mountains of North Carolina.

**Plethodon shermani STEJNEGER***Plethodon shermani* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 30, May 22, 1906, p. 559, fig. 1.

**TYPE LOCALITY:**<sup>2</sup> Wayah Bald Mountain, North Carolina.

**RANGE:** North Carolina to Georgia.

<sup>1</sup> The young of this species (in one of two color phases?) has appeared frequently in literature as *Plethodon crassulus* Cope, Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 521; Bull. U. S. Nat. Mus., No. 34, 1889, p. 147, fig. 34.

<sup>2</sup>Originally given as Nantahala Mt. between Andrews and Aquonne, North Carolina (in error).

**Plethodon vandykei** VAN DENBURGH*Plethodon vandykei* VAN DENBURGH

Proc. California Ac. Sci., Ser. 3, Zool. Vol. 4, March 14, 1906, p. 61.

**TYPE LOCALITY:** Paradise Valley, Mt. Ranier Park, Washington.**RANGE:** Washington. (Known from type locality only).**Plethodon wehrlei** FOWLER and DUNN*Plethodon wehrlei* FOWLER and DUNN

Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 23, pl. 4.

**TYPE LOCALITY:** Two Lick Hills, Indiana Co., Pennsylvania.**RANGE:** Central and western Pennsylvania.**Plethodon yonahlossee** DUNN*Plethodon yonahlossee* DUNN

Bull. Amer. Mus. Nat. Hist., New York, Vol. 37, Oct. 13, 1917, p. 598.

**TYPE LOCALITY:** Near the Yonahlossee Road, about 1½ miles from Linville, North Carolina, altitude 4200 feet.**RANGE:** Wooded mountains near Linville, North Carolina.**Stereochilus** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 100

**TYPE:** *marginatus***Stereochilus marginatus** (HALLOWELL)*Pseudotriton marginatus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., 1856, p. 130.

*Stereochilus marginatum* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 101.

*Stereochilus marginatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 152, fig. 36.

**TYPE LOCALITY:** Liberty Co., Georgia.**RANGE:** North Carolina to Georgia.**Gyrinophilus** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 108

**TYPE:** *porphyriticus***Gyrinophilus danielsi** (BLATCHLEY)*Spelerpes danielsi* BLATCHLEY

25 Ann. Rep. Dept. Geol. Indiana, 1900, (1901), p. 760.

*Gyrinophilus danielsi* FOWLER and DUNN

Proc. Ac. Nat. Sci. Phila., Vol. 69, 1917, p. 19.



**TYPE LOCALITY:** Mt. Collins and Indian Pass, Sevier Co., Tennessee.

**RANGE:** North Carolina to Georgia, Tennessee.

**Gyrinophilus porphyriticus (GREEN)**

*Salamandra porphyritica* GREEN

Contr. Macrur. Lyc., Vol. 1, 1827, p. 3, pl. 1, fig. 2.

*Gyrinophilus porphyriticus* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 108.

*Gyrinophilus porphyriticus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 155, fig. 37.

**TYPE LOCALITY:** French Creek near Meadville, Crawford County, Pennsylvania.

**RANGE:** Southern Canada, southward through the eastern states to Kentucky; Ohio.

**Manculus (GENUS)**

COPE, Proc. Ac. Nat. Sci. Phila., 1869, p. 101

**TYPE:** *quadridigitatus*

**Manculus quadridigitatus (HOLBROOK)**

**DWARF SALAMANDER**

*Salamandra quadridigitata* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 5, 1842, p. 65, pl. 21.

*Manculus quadridigitatus* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 101.

*Manculus quadridigitatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 159, fig. 38.

**TYPE LOCALITY:** South Carolina, Georgia and Florida.

**RANGE:** North Carolina to Florida, Gulf States to Texas.

**Manculus remifer COPE**

*Manculus remifer* COPE

Rep. Peabody Ac. Salem, 1869-70 (1871), p. 84.

*Manculus remifer* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 158.

**TYPE LOCALITY:** Jacksonville, Florida.

**RANGE:** Northern Florida.

**Eurycea (GENUS)**

RAFINESQUE, Kentucky Gazette, Lexington, N. S., Vol. 1, No. 9,  
Feb. 28, 1822, p. 3, column 6

**TYPE:** *lucifuga*

**Eurycea bislineata (GREEN)**

*Salamandra bislineata* GREEN

Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept. 1818, p. 352.

*Spelerpes bilineatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 163, fig. 40.

TYPE LOCALITY: Western Pennsylvania.

RANGE: Northern New England to Florida, Southern Canada, Lake Superior to Louisiana.

*Eurycea gutto-lineata* (HOLBROOK)

*Salamandra gutto-lineata* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 61, pl. 12.

*Spelerpes guttolineatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 170, fig. 42.

TYPE LOCALITY: "Carolina, in the middle country."

RANGE: Virginia to Georgia, west to Alabama, Mississippi and Louisiana.

*Eurycea longicauda* (GREEN)

*Salamandra longicauda* GREEN

Journ. Ac. Nat. Sci. Phila., Vol. 1, Sept., 1818, p. 351.

*Spelerpes longicaudus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 168, fig. 41.

TYPE LOCALITY: New Jersey (probably near Princeton).

RANGE: Southern New England to Florida and Louisiana, west to Kentucky, Ohio, Tennessee, Illinois and Missouri.

*Eurycea lucifuga* RAFINESQUE

*Eurycea lucifuga* RAFINESQUE

Kentucky Gazette, Lexington, (N. S.), Vol. 1, No. 9, Feb. 28, 1822, p. 3, column 6.

*Gyrinophilus maculicaudus* COPE

Amer. Nat., Vol. 24, 1890, p. 967.

TYPE LOCALITY: "Caves near Lexington, Kentucky."

RANGE: West Virginia to Tennessee and Kentucky, also Indiana, Illinois and Missouri.

*Eurycea melanopleura* (COPE)

*Spelerpes melanopleurus* COPE

Proc. Ac. Nat. Sci. Phila., 1893, p. 383.

TYPE LOCALITY: Raley's Creek, White River, Missouri.

RANGE: Missouri.

*Eurycea montana* (BAIRD)

*Pseudotriton montanus* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 293.

*Spelerpes ruber montanus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 179.

**TYPE LOCALITY:** South Mountain, near Carlisle, Penn.

**RANGE:** Mountains from Pennsylvania southward to the Carolinas and probably Georgia.

**Eurycea multiplicata (COPE)**

*Spelerpes multiplicatus* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 106.

*Spelerpes multiplicatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 162, fig. 39.

**TYPE LOCALITY:** Red River, in Eastern Oklahoma.

**RANGE:** Missouri and Kansas, through Arkansas to Oklahoma, and New Mexico.

**Eurycea platycephala (CAMP)**

*Spelerpes platycephalus* CAMP

Univ. California Publ. Zool., Vol. 17, Sept. 18, 1916, p. 11.

**TYPE LOCALITY:** Head of Lyell Canon, The Yosemite Nat. Park, California, 10,800 feet alt.

**RANGE:** Head of Lyell Canon, The Yosemite National Park, California, 10,800 feet alt.

**Eurycea rubra rubra (SONNINI)**

**RED SALAMANDER**

*Salamandra rubra* SONNINI

in Latreille, Hist. Nat. Rept., Vol. 4, 1802, p. 305.

*Spelerpes ruber* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 172, fig. 43.

**TYPE LOCALITY:** United States.

**RANGE:** From New England to Florida westward to Louisiana, Tennessee, Wisconsin, Illinois, and Ohio.

**Eurycea rubra schencki (BRIMLEY)**

*Spelerpes ruber schencki* BRIMLEY

Proc. Biol. Soc. Washington, Vol. 25, Dec. 4, 1912, p. 139, pl. 7, figs. 12, 13, 15, 17, 18, 20-22.

**TYPE LOCALITY:** Sunburst, North Carolina, 3,200 feet.

**RANGE:** Mountains of North Carolina.

**Eurycea stejnegeri (EIGENMANN)**

*Spelerpes stejnegeri* EIGENMANN

Trans. Amer. Micr. Soc., Vol. 22, 1901, p. 189, pl. 28.

**TYPE LOCALITY:** Rock House Cave, Missouri.

**RANGE:** The Ozark Plateau.

**Aneides**<sup>1</sup> (*GENUS*)

BAIRD, Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257

TYPE: *lugubris***Aneides ferreus** COPE*Anaides ferreus* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 109.

*Autodax ferreus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 185, fig. 45.

TYPE LOCALITY: Fort Umpqua, Oregon.

RANGE: Northern California, Oregon.

**Aneides iëcanus** (COPE)*Plethodon iëcanus* COPE

Proc. Ac. Nat. Sci. Phila., 1893, p. 24.

*Aneides iëcanus* GRINNELL and CAMP

Univ. Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 135.

*Autodax iëcanus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 187, fig. 46.

TYPE LOCALITY: Shasta Co., California.

RANGE: Northern California.

**Aneides lugubris lugubris** (HALLOWELL)*Salamandra lugubris* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 4, 1849, p. 126.

*Aneides lugubris* BAIRD

Iconogr. Encycl., Vol. 2, 1849, Zoöl., p. 257.

*Autodax lugubris* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 183, fig. 44.

TYPE LOCALITY: "Island of Maui, one of the Sandwich Islands."

RANGE: California; the Coronados Islands, Mexico.

**Aneides lugubris farallonensis** (VAN DENBURGH)*Autodax lugubris farallonensis* VAN DENBURGH

Proc. Cal. Ac. Sci., Ser. 3, Zoöl., Vol. 4, 1905, p. 5, pl. 2.

*Aneides lugubris farallonensis* GRINNELL and CAMP

Univ. Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 135.

TYPE LOCALITY: South Farallon Island, California.

RANGE: The Farallon Islands.

<sup>1</sup> Generic name spelt also *Anaides* (p. 460 and Zoöl. p. 256) in same reference — but *Anaides* is preoc. by *Anaides* of Westwood, Proc. Ent. Soc. Lond., 1841, for a genus of Longicorn beetles. *Aneides* seems to have been the spelling intended.

**Desmognathus (GENUS)**

BAIRD, Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, pp. 282, 285

TYPE: *fuscus*

**Desmognathus brimleyorum STEJNEGER**

*Desmognathus brimleyorum* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 17, May 11, 1895, p. 597.

TYPE LOCALITY: Hot Springs, Arkansas.

RANGE: Arkansas.

**Desmognathus fuscus fuscus (RAFINESQUE)**

*Triturus fuscus* RAFINESQUE

Ann. Nat., Lexington, No. 1, March 22, 1820, p. 4.

*Desmognathus fuscus* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 285.

*Desmognathus fusca fusca* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 194, fig. 48.

TYPE LOCALITY: Northern parts of State of New York.

RANGE: Southern Canada to the mountains of the Carolinas and Georgia.

**Desmognathus fuscus auriculatus (HOLBROOK)**

*Salamandra auriculata* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 115, pl. 28.

*Desmognathus auriculatus* BAIRD

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 1, 1849, p. 286.

*Desmognathus fusca auriculata* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 195, fig. 49.

TYPE LOCALITY: Riceborough, Georgia.

RANGE: Lowlands from Virginia to Florida and the Gulf States.

**Desmognathus monticola DUNN**

*Desmognathus monticola* DUNN

Proc. Biol. Soc. Washington, Vol. 29, April 4, 1916, p. 73.

TYPE LOCALITY: Elk Lodge, near Brevard, North Carolina.

RANGE: From Virginia and West Virginia to Georgia. (In the mountains 500-4500 feet.)

**Desmognathus ochrophaeus ochrophaeus (COPE)**

*Desmognathus ochrophaea* COPE

Proc. Ac. Nat. Sci. Phila., 1859, p. 124.

*Desmognathus ochrophaea* COPE

Bull., U. S. Nat. Mus., No., 34, 1889, p. 191, fig. 47.

TYPE LOCALITY: Susquehanna Co., Penn.

RANGE: New Brunswick and Northern New York south to the mountains of Maryland.

• **Desmognathus ochrophaeus carolinensis** DUNN

*Desmognathus ochrophaeus carolinensis* DUNN

Proc. Biol. Soc. Washington, Vol. 29, April 4, 1916, p. 74.

TYPE LOCALITY: Mt. Mitchell, North Carolina, over 6500 feet.

RANGE: West Virginia to Georgia (in the mountains).

**Desmognathus quadra-maculatus** (HOLBROOK)

*Salamandra quadra-maculata* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 4, 1840, pl. 27. (The text p. 121 reads maculo-quadrata.)

*Desmognathus quadrimaculata* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 26, Jan. 29, 1903, p. 557.

TYPE LOCALITY: Georgia and the Carolinas.

RANGE: Virginia to Georgia, in the mountains, 2000-6000 feet.

**Leurognathus** (GENUS)

MOORE, Proc. Ac. Nat. Sci. Phila., 1899, p. 316

TYPE: *marmoratus*

**Leurognathus marmoratus** MOORE

*Leurognathus marmoratus* MOORE

Proc. Ac. Nat. Sci. Phila., 1899, p. 316.

TYPE LOCALITY: South slope Grandfather Mt., North Carolina, 3500 feet.

RANGE: Mountains of North Carolina.

**Typhlotriton** (GENUS)

STEJNEGER, Proc. U.S. Nat. Mus., Vol. 15, 1892, p. 115

TYPE: *spelaeus*

**Typhlotriton spelaeus** STEJNEGER

*Typhlotriton spelaeus* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 15, Aug. 2, 1892, p. 115, pl. 9.

TYPE LOCALITY: Rock House Cave, Missouri.

RANGE: Rock House Cave, Barry Co., Marble Cave, Stone Co., Doris Cave, Wright Cave, Missouri.

MEANTES (*SUBORDER*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, Pt. 2, 1766, sign.

Rrrr 5, Addenda (not paged)

SIRENIDAE (*FAMILY*)Siren (*GENUS*)

LINNÉ, Syst. Nat., Ed. 12, Vol. 1, pt. 2, 1766, sign.

Rrrr 5, Addenda (not paged)

TYPE: *lacertina***Siren lacertina** LINNÉ**MUD-EEL***Siren lacertina* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, pt. 2, 1766, sign. Rrrr 5, Addenda (not paged).

*Siren lacertina* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 226, fig. 57.

TYPE LOCALITY: "Habitat in Carolinae paludosis."

RANGE: Eastern Virginia to Florida, through the Gulf States to the west side of the Rio Grande. Ascends the Mississippi Valley to Illinois and Indiana. Occurs in scattered localities in Arkansas and Missouri.

**Pseudobranchus** (*GENUS*)

GRAY, Ann. Philos. (N. S.), Vol. 10, 1825, p. 216

TYPE: *striatus***Pseudobranchus striatus** (LE CONTE)*Siren striata* LE CONTE

Ann. Lyc. New York, Vol. 1, pt. 1, 1824, p. 53, pl. 4.

*Pseudobranchus striatus* GRAY

Ann. Philos., (N. S.), Vol. 10, 1825, p. 216.

*Pseudobranchus striatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 230, fig. 58.

TYPE LOCALITY: Not given, but by inference it was one of the Le Conte plantations in Floyd or Liberty Co., Georgia.

RANGE: Swamps of southern South Carolina, lower Georgia and Florida.

**SALIENTIA (ORDER)**

LAURENTI, Syn. Rept., 1768, p. 24

**COSTATA (SUBORDER)**

LATASTE, Act. Soc. Linn. Bordeaux, Vol. 33, 1879, p. 339

**DISCOGLOSSIDAE (FAMILY)****Ascaphus (GENUS)**

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 899

TYPE: *truei***Ascaphus truei STEJNEGER***Ascaphus truei* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 21, June 20, 1899, p. 900, figs. 1-4, pl. 89.

TYPE LOCALITY: Humptulips, Washington.

RANGE: Chehalis Co. and Pierce Co., Washington.

**LINGUATA (SUBORDER)**

GRAVENHORST, Thierreich, 1845, p. 43

**SCAPHIOPODIDAE (FAMILY)****Scaphiopus (GENUS)**

HOLBROOK, N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 85

TYPE: *solitarius* = *holbrookii***Scaphiopus couchii BAIRD***Scaphiopus couchii* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.

*Scaphiopus couchii* COPE

Bull. U. S. Nat. Mus., Vol. 34, 1889, p. 301, fig. 75.

TYPE LOCALITY: Rio Nasas, Coahuila and Matamoros, Tamaulipas, Mexico.

RANGE: Texas to Arizona, northern states of Mexico, Lower California.

**Scaphiopus hammondii BAIRD***Scaphiopus Hammondi* BAIRD

Rep. Pacif. R. R. Surv., Vol. 10, Pt. 4, 1875, p. 12, pl. 28, fig. 2.



*Spea hammondi* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 303, fig. 77.

TYPE LOCALITY: Fort Reading, California.

RANGE: Western and southwestern states from Montana south to Texas and Mexico, and westward to the Pacific Coast states.

*Scaphiopus holbrookii holbrookii*<sup>1</sup> (HARLAN)

SPADEFoot

*Rana holbrookii* HARLAN

Med. Phys. Researches, 1835, p. 105.

*Scaphiopus holbrookii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 298.

TYPE LOCALITY: South Carolina.

RANGE: Eastern states, Massachusetts to Florida, west to Louisiana, Texas to Arkansas.

*Scaphiopus holbrookii albus* (GARMAN)*Scaphiopus albus* GARMAN

Proc. Amer. Ass. Adv. Sci., Buffalo, 1877, p. 194.

TYPE LOCALITY: Key West, Florida.

RANGE: Florida Keys and possibly the extreme southern part of the peninsula of Florida.

*Scaphiopus hurterii* STRECKER*Scaphiopus hurterii* STRECKER

Proc. Biol. Soc. Washington, Vol. 23, July 23, 1910, p. 116, pl. 2, figs. 3-4.

TYPE LOCALITY: Waco, Texas.

RANGE: Texas.

## BUFONIDAE (FAMILY)

*Bufo* (GENUS)

LAURENTI, Syn. Rept., 1768, p. 25

TYPE: *vulgaris* = *bufo**Bufo alvarius* GIRARD*Bufo alvarius* GIRARD

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 26, pl. 41, figs. 1-6.

*Bufo alvarius* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 265, fig. 62.

<sup>1</sup> This species usually appears in the literature as *Scaphiopus solitarius* Holbrook. Harlan's description appeared a year before Holbrook's but Harlan knew of Holbrook's discovery of the species for he writes (l. c.) "This new species, first figured and described by Dr. Holbrook (vide his valuable work on North American Reptiles), possesses very peculiar characters. . . ."

**TYPE LOCALITY:** Valley of the Gila and Colorado Rivers.  
**RANGE:** Southern Arizona and Southern California.

**Bufo americanus HOLBROOK**

**AMERICAN TOAD**

*Bufo americanus* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 75, pl. 2.

*Bufo lentiginosus americanus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 234, fig. 70.

**TYPE LOCALITY:** "From Maine through all the Atlantic States."

**RANGE:** Eastern North America from Hudson Bay Southward.

**Bufo boreas boreas (BAIRD and GIRARD)**

*Bufo boreas* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.

*Bufo columbiensis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 267, fig. 63.

**TYPE LOCALITY:** Columbia River and Puget Sound.

**RANGE:** Colorado north and west to Puget Sound. Also British Columbia and southwestern Alaska to Prince William Sound.

**Bufo boreas halophilus (BAIRD and GIRARD)**

*Bufo halophila* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 301.

*Bufo boreas halophilus* CAMP

Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 116.

*Bufo columbiensis halophilus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 269, fig. 64.

**TYPE LOCALITY:** Benicia, California.

**RANGE:** Western Nevada, California, and northern Lower California.

**Bufo canorus CAMP**

*Bufo canorus* CAMP

Univ. California Publ. Zool., Vol. 17, Nov. 17, 1916, p. 59.

**TYPE LOCALITY:** Porcupine Flat, Yosemite National Park, California.

**RANGE:** Region about Porcupine Flat, Yosemite National Park, California.

**Bufo cognatus cognatus (SAY)**

*Bufo cognatus* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 190.

*Bufo cognatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 275, fig. 67.

**TYPE LOCALITY:** Arkansas River, Prowers Co., Colorado.

**RANGE:** Arizona and Colorado to Texas, Arkansas to Kansas, southern Wyoming.

**Bufo cognatus californicus CAMP**

*Bufo cognatus californicus* CAMP

Univ. California Publ. Zool., Vol. 12, April 2, 1915, p. 331.

**TYPE LOCALITY:** Sta. Paula, Ventura Co., California.

**RANGE:** Southwestern California.

**Bufo compactilis WIEGMANN**

*Bufo compactilis* WIEGMANN

Isis, 1833, p. 661.

*Bufo compactilis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 272, fig. 65.

**TYPE LOCALITY:** Mexico.

**RANGE:** Northern Mexico, Texas, New Mexico and Arizona.

**Bufo debilis GIRARD**

*Bufo debilis* GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 87.

*Bufo debilis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 264, fig. 61.

**TYPE LOCALITY:** Lower part of the valley of the Rio Grande, Texas and in Tamaulipas, Mexico.

**RANGE:** Colorado south into the northern states of Mexico.

**Bufo fowleri GARMAN**

**FOWLER'S TOAD**

*Bufo fowleri* GARMAN

Bull. Essex Inst. Vol. 16, 1884, p. 42.

*Bufo lentiginosus fowleri* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 279, fig. 68.

**TYPE LOCALITY:** "Manitoba to Winnipeg; Massachusetts."

**RANGE:** New England and New York, southward to Georgia, west to Michigan.

**Bufo hemiophrys COPE**

*Bufo hemiophrys* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 515.

*Bufo hemiophrys* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 273, fig. 66.

**TYPE LOCALITY:** Pembina and Turtle Mountains, North Dakota.

**RANGE:** North Dakota and Manitoba.

**Bufo punctatus** BAIRD and GIRARD*Bufo punctatus* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.

*Bufo punctatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 262, fig. 60.

TYPE LOCALITY: Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

RANGE: Western Texas, Arizona, Utah, Southern California and Lower California.

**Bufo quercicus** HOLBROOK*Bufo quercicus* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 109, pl. 22.

*Bufo quercicus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 291, fig. 72.

TYPE LOCALITY: Charleston, South Carolina and Smithville, North Carolina.

RANGE: North Carolina to Alabama and Florida.

**Bufo terrestris** BONNATERRE

## SOUTHERN TOAD

*Bufo terrestris* BONNATERRE

Tabl. Encycl. Méth. Erp., 1789, p. 8.

*Bufo lentiginosus lentiginosus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 289, fig. 71.

TYPE LOCALITY: "La Caroline."

RANGE: The Carolinas to Florida, west to the Mississippi.

**Bufo valliceps** WIEGMANN*Bufo valliceps* WIEGMANN

Isis, 1833, p. 657.

*Bufo valliceps* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 292, fig. 73.

TYPE LOCALITY: Mexico.

RANGE: Louisiana, Texas south to Costa Rica.

**Bufo woodhousii** GIRARD*Bufo woodhousii* GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 86.

*Bufo lentiginosus woodhousei* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, 281, fig. 69.

TYPE LOCALITY: San Francisco Mt., Arizona.

RANGE: Texas to Kansas, Nebraska and Montana, west to Nevada, Arizona and southeastern California.

## HYLIDAE (FAMILY)

*Acris* (GENUS)DUMÉRIL and BIBRON, *Erp. Gén.*, Vol. 8, 1841, p. 506TYPE: *gryllus**Acris gryllus* (LE CONTE)

## CRICKET-FROG

*Rana gryllus* LE CONTE*Ann. Lyc. New York*, Vol. 1, Pt. 2, 1825, p. 282.*Acris gryllus* DUMÉRIL and BIBRON*Erp. Gén.*, Vol. 8, 1841, p. 507.*Acris gryllus* COPE*Bull. U. S. Nat. Mus.*, No. 34, 1889, p. 324, fig. 82.

TYPE LOCALITY: Not given.

RANGE: Florida to New York and Connecticut in the East; northward through the Central Valley from Louisiana and Texas to the Canadian Northwest Territories.

*Pseudacris* (GENUS)FITZINGER, *Syst. Rept.*, 1843, p. 31TYPE: *nigrita**Pseudacris feriarum* (BAIRD)*Helocaetes feriarum* BAIRD*Proc. Ac. Nat. Sci. Phila.*, Vol. 7, 1854, p. 60.*Pseudacris feriarum* COPE*Proc. Ac. Nat. Sci. Phila.*, 1862, p. 157.*Chorophilus feriarum* COPE*Bull. U. S. Nat. Mus.*, No. 34, 1889, p. 339, fig. 86.

TYPE LOCALITY: Carlisle, Pennsylvania.

RANGE: Eastern United States, west to Illinois.

*Pseudacris nigrita* (LE CONTE)*Rana nigrita* LE CONTE*Ann. Lyc. New York*, Vol. 1, Pt. 2, 1825, p. 282.*Pseudacris nigrita* GÜNTHER*Cat. Batr. Sal. Brit. Mus.*, 1858, p. 97.*Chorophilus nigritus* COPE*Bull. U. S. Nat. Mus.*, No. 34, 1889, p. 337, fig. 85.

TYPE LOCALITY: Not given.

RANGE: South Carolina to Mississippi.

*Pseudacris occidentalis* (BAIRD and GIRARD)*Litoria occidentalis* BAIRD and GIRARD*Proc. Ac. Nat. Sci. Phila.*, Vol. 6, 1853, p. 301.

*Chorophilus occidentalis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 335, fig. 84.

TYPE LOCALITY: The type was incorrectly stated to have come from San Francisco.

RANGE: Georgia and Florida, west to Arkansas and Texas.

**Pseudacris ocularis** (HOLBROOK)*Hylodes ocularis* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 79, pl. 14.

*Chorophilus ocularis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 348.

TYPE LOCALITY: South Carolina and Georgia.

RANGE: Southeastern United States.

**Pseudacris ornata** (HOLBROOK)*Rana ornata* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1838, p. 97, pl. 16.

*Chorophilus ornatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 333, fig. 83.

TYPE LOCALITY: Between the Cooper and Ashley Rivers, four miles from Charleston, South Carolina.

RANGE: South Carolina to Florida, west to Texas.

**Pseudacris triseriata** (WIED)*Hyla triseriata* WIED

Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 249.

*Chorophilus triseriatus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 342, fig. 87.

TYPE LOCALITY: Mt. Vernon, Ohio River, Indiana.

RANGE: Alleghany Mts. to New Mexico, Arizona and Idaho.

**Pseudacris septentrionalis** BOULENGER*Chorophilus septentrionalis* BOULENGER

Cat. Batr. Sal. Brit. Mus., 1882, p. 335, pl. 23, fig. 1.

TYPE LOCALITY: Great Bear Lake, Canada.

RANGE: Canadian Northwestern swamp areas.

**Hyla** (GENUS)

LAURENTI, Syn. Rept., 1768, p. 32

TYPE: *viridis***Hyla andersonii** BAIRD

## ANDERSON TREE-FROG

*Hyla andersonii* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 60.

*Hyla andersonii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 365, fig. 91, pl. 83, fig. 1.

TYPE LOCALITY: Anderson, South Carolina.

RANGE: White cedar swamps in Southern New Jersey, and South Carolina.

*Hyla arenicolor* COPE*Hyla arenicolor* COPE

Journ. Ac. Nat. Sci. Phila., Ser. 2, Vol. 6, July, 1866, p. 84.

*Hyla arenicolor* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 369, fig. 93.

TYPE LOCALITY: Northern Sonora, Mexico.

RANGE: Most of the Southwestern United States from Utah to southern California, east to Texas and in Mexico south to Guadalajara and Toluca.

*Hyla baudinii* DUMÉRIL and BIBRON*Hyla baudinii* DUMÉRIL and BIBRON

Erp. Gén., Vol. 8, 1841, p. 564.

*Smilisca baudinii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 379.

TYPE LOCALITY: Mexico.

RANGE: Central America north to southern Texas.

*Hyla cinerea* (SCHNEIDER)*Calamita cinereus* SCHNEIDER

Hist. Amph., Vol. 1, 1799, p. 174.

*Hyla cinerea* GARMAN

Bull. Illinois State Lab. Nat. Hist., Vol. 3, 1892, p. 349.

*Hyla carolinensis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 366, fig. 92.

TYPE LOCALITY: "Inhabits Carolina."

RANGE: Virginia to Florida, west to Texas and northward up the Mississippi Valley to Southern Illinois.

*Hyla crucifer* WIED

## SPRING-PEEPER

*Hyla crucifer* WIED

Reise Nord-Amer., Vol. 1, Pt. 5, 1838, p. 275.

*Hyla pickeringii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 352, fig. 88.

TYPE LOCALITY: Cantonment Leavenworth, "Kansas."

RANGE: New Brunswick to Manitoba, south to South Carolina, Louisiana, Arkansas and Kansas.

**Hyla evittata MILLER***Hyla evittata* MILLER

Proc. Biol. Soc. Washington, Vol. 13, 1899, p. 75.

TYPE LOCALITY: Four Mile Run, Virginia (near the City of Washington).

RANGE: Reed beds and lily pools along the Potomac and York Rivers, Virginia, also New Jersey.

**Hyla eximia BAIRD***Hyla eximia* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.

*Hyla eximia* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 361.

TYPE LOCALITY: City of Mexico.

RANGE: Mexico and New Mexico.

**Hyla femoralis LATREILLE***Hyla femoralis* LATREILLE

Hist. Nat. Rept., Vol. 2, 1802, p. 181.

*Hyla femoralis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 371, fig. 94.

TYPE LOCALITY: Carolina.

RANGE: Carolinas to Florida and west to Texas.

**Hyla gratiosa LE CONTE***Hyla gratiosa* LE CONTE

Proc. Ac. Nat. Sci. Phila., 1856, p. 146, pl. 4.

*Hyla gratiosa* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 377, fig. 96, pl. 83, fig. 5.

TYPE LOCALITY: "Lower country of Georgia," evidently one of the Le Conte plantations in Floyd or Liberty Counties.

RANGE: South Carolina to Florida and Mississippi.

**Hyla regilla BAIRD and GIRARD****PACIFIC TREE TOAD***Hyla regilla* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.

*Hyla regilla* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 355, fig. 89.

TYPE LOCALITY: "Sacramento River, in Oregon and Puget Sound."

RANGE: Vancouver Island and British Columbia to Lower California; Nevada.



***Hyla squirella* LATREILLE***Hyla squirella* LATREILLE

Hist. Nat. Rept., Vol. 2, 1802, p. 181.

*Hyla squirella* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 363, fig. 90.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida, west to Texas, and northward up the Mississippi basin to Indiana.

***Hyla versicolor versicolor* LE CONTE**

THE TREE TOAD, RAIN TOAD

*Hyla versicolor* LE CONTE

Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 281.

*Hyla versicolor* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 373, fig. 95.

TYPE LOCALITY: "Northern States."

RANGE: Maine, Southern Canada, west to Minnesota, south to the Gulf States (Texas and Arkansas in part only).

***Hyla versicolor chrysoscelis* (COPE)***Hyla femoralis chrysoscelis* COPE

Bull. U. S. Nat. Mus., No. 17, 1880, p. 29.

*Hyla versicolor chrysoscelis* STRECKER

Proc. Biol. Soc. Washington, Vol. 33, 1910, p. 117.

TYPE LOCALITY: Dallas, Texas.

RANGE: Southern Arkansas to east-central Texas.

**LEPTODACTYLIDAE (FAMILY)*****Eleutherodactylus* (GENUS)**

DUMÉRIL and BIBRON, Erp. Gén., Vol. 8, 1841, p. 620

TYPE: *martinicensis****Eleutherodactylus latrans* (COPE)***Lithodytes latrans* COPEBull. U. S. Nat. Mus., No. 17, 1880, p. 25.<sup>1</sup>*Lithodytes latrans* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 316, fig. 80.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

<sup>1</sup> Mocquard (Bull. Soc. Philo., Ser. 9, 1, 1899, p. 189) is inclined to believe that this species is a synonym of *Eleutherodactylus angustis* (Brocchi), but as yet there has been no actual comparison of material and it is perhaps better to keep them apart until such comparison can be made.

**Eleutherodactylus ricordii** (DUMÉRIL and BIBRON)*Hylodes ricordii* DUMÉRIL and BIBRON

Erp. Gén., 8, 1841, p. 623.

*Eleutherodactylus ricordii* STEJNEGER

Shattuck's Bahama Islands, 1905, p. 331.

*Lithodytes ricordii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 318.

TYPE LOCALITY: Cuba.

RANGE: Bahama Islands, Cuba and Florida, north to Brevard Co.  
(probably accidentally introduced).**Syrrhophus** (*GENUS*)

COPE: Amer. Nat., Vol. 12, 1878, p. 253

TYPE: *marnockii***Syrrhophus campi** STEJNEGER*Syrrhophus campi* STEJNEGER

Proc. Biol. Soc. Washington, Vol. 28, June 29, 1915, p. 131.

TYPE LOCALITY: Brownsville, Texas.

RANGE: At present known from the type locality only.

**Syrrhophus marnockii** COPE*Syrrhophus marnockii* COPE

Amer. Nat., Vol. 12, 1878, p. 253.

*Syrrhophus marnockii* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 318, fig. 81.

TYPE LOCALITY: near San Antonio, Texas.

RANGE: Known from type locality only.

**RANIDAE** (*FAMILY*)**Rana** (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 210

TYPE: *temporaria***Rana areolata** BAIRD and GIRARD*Rana areolata* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 173.

*Rana areolata* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 409, fig. 103.

TYPE LOCALITY: Indianola, Texas.

RANGE: Georgia, Texas, Missouri, Indiana and Illinois.

**Rana aesopus (COPE)****GOPHER-FROG***Rana areolata aesopus* COPE

Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.

*Rana areolata aesopus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 412.

**TYPE LOCALITY:** Micanopy, Florida.**RANGE:** Florida.**Rana aurora BAIRD and GIRARD***Rana aurora* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.

*Rana agilis aurora* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 439, fig. 113.

**TYPE LOCALITY:** Puget Sound.**RANGE:** California to Washington, Vancouver Island.**Rana boylei boylei (BAIRD)***Rana boylei* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.

*Rana boylei boylei* CAMP

Univ. California Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 117.

*Rana boylei* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 444, fig. 115.

**TYPE LOCALITY:** El Dorado Co., California.**RANGE:** California and southwestern Oregon.**Rana boylei muscosa CAMP***Rana boylei muscosa* CAMP

Univ. Calif. Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 118.

**TYPE LOCALITY:** Arroyo Seco Cañon, at about 1300 feet altitude, near Pasadena, California.**RANGE:** California: San Gabriel, San Bernadino and San Jacinto Mts.**Rana boylei sierrae CAMP***Rana boylei sierrae* CAMP

Univ. Calif. Publ. Zool., Vol. 17, No. 9, Feb. 3, 1917, p. 120.

**TYPE LOCALITY:** Matlock Lake, Sierra Nevada, Inyo Co., California, 10,500 feet altitude.**RANGE:** Southern half of Sierra Nevada, above 7,000 feet altitude, California.**Rana cantabrigensis cantabrigensis (BAIRD)***Rana cantabrigensis* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 62.

*Rana cantabrigdensis cantabrigdensis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 436, fig. 110.

TYPE LOCALITY: Cambridge, Mass. (in errore).

RANGE: Illinois and Minnesota northward in Canada to James Bay in the east to Great Slave Lake in the west.

*Rana cantabrigdensis latiremis* COPE*Rana cantabrigdensis latiremis* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1886, p. 520.

*Rana cantabrigdensis latiremis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 435, fig. 111.

TYPE LOCALITY: Lake Allokknagik, Alaska.

RANGE: Alaska, southeastward to the region of Great Slave Lake.

*Rana catesbeiana* SHAW

## BULLFROG

*Rana catesbeiana* SHAW

Gen. Zool., Vol. 3, Pt. 1, 1802, p. 106, pl. 33.

*Rana catesbeiana* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 424, fig. 108.

TYPE LOCALITY: Shaw evidently knew of the Bull Frog, principally from Catesby, but he only speaks of it as being North American and apparently saw no actual specimens himself.

RANGE: Widespread in North America, east of the Rocky Mountains.

*Rana clamitans* LATREILLE

## GREEN FROG, SPRING-FROG

*Rana clamitans* LATREILLE

Hist. Nat. Rept., Vol. 2, 1802, p. 157.

*Rana clamata* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 419, pl. 107.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Eastern North America. Canada to Florida and Louisiana, west to Michigan, Illinois and Arkansas.

*Rana draytonii* BAIRD and GIRARD*Rana draytonii* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 174.

*Rana draytoni* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 441, fig. 114.

TYPE LOCALITY: San Francisco, and the Columbia River.

RANGE: Oregon, California and Lower California.

**Rana grylio STEJNEGER***Rana grylio* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 24, Oct. 4, 1901, p. 212.

TYPE LOCALITY: Bay St. Louis, Mississippi.

RANGE: Southern Mississippi to peninsular Florida.

**Rana onca COPE***Rana onca* COPEin Wheeler's Rep. Expl. W. 100th Mer., Vol. 5, Zool. 1875, p. 528,  
pl. 25, figs. 1-3.*Rana draytoni onca* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 443.

TYPE LOCALITY: Utah.

RANGE: Utah and Nevada.

**Rana palustris LE CONTE**

PICKEREL-FROG

*Rana palustris* LE CONTE

Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.

*Rana palustris* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 406, fig. 102.

TYPE LOCALITY: Not given.

RANGE: Hudson Bay south to Arkansas and Louisiana and all of  
the Eastern States.**Rana pipiens SCHREBER**

LEOPARD-FROG

*Rana pipiens* SCHREBER

Naturforscher, Vol. 18, 1782, p. 185, pl. 4.

*Rana virescens* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 397.

TYPE LOCALITY: Pennsylvania.

RANGE: North America, east of the Sierras southward into  
Mexico.**Rana pretiosa pretiosa (BAIRD and GIRARD)***Rana pretiosa* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 378.

*Rana temporaria pretiosa* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 432, fig. 110.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Utah and Montana west to the Pacific Coast, California  
to British Columbia.

**Rana pretiosa luteiventris THOMPSON***Rana pretiosa luteiventris* THOMPSON

Proc. Biol. Soc. Washington, Vol. 26, March 22, 1913, p. 53.

TYPE LOCALITY: Anne Creek, Elko Co., Nevada.

RANGE: Eureka and Elko Cos., Nevada.

**Rana septentrionalis BAIRD****MINK-FROG***Rana septentrionalis* BAIRD

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 61.

*Rana septentrionalis* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 416, fig. 106, pl. 86.

TYPE LOCALITY: Northern Minnesota.

RANGE: Northern New England and northern New York, west through Michigan to Minnesota, Canada northward to Hudson Bay.

**Rana sphenocephala (COPE)****SOUTHERN LEOPARD-FROG***Rana halecina sphenocephala* COPE

Proc. Amer. Philos. Soc., Vol. 23, Dec. 1886, p. 517.

*Rana virescens sphenocephala* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 399, fig. 99.

TYPE LOCALITY: Near St. John's River, Florida.

RANGE: Southeastern States

**Rana sylvatica LE CONTE****WOOD-FROG***Rana sylvatica* LE CONTE

Ann. Lyc. New York, Vol. 1, Pt. 2, 1825, p. 282.

*Rana sylvatica* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 447, fig. 115.

TYPE LOCALITY: Not stated.

RANGE: Quebec and Nova Scotia to South Carolina westward to the Great Plains.

**Rana virgatipes COPE****SPHAGNUM-FROG***Rana virgatipes* COPE

Amer. Nat., Vol. 30, 1891, p. 1017.

TYPE LOCALITY: Near Atlantic City, New Jersey.

RANGE: New Jersey to North Carolina.

## BREVICIPITIDAE (FAMILY)

## Gastrophryne (GENUS)

FITZINGER, Syst. Rept., 1843, p. 33

TYPE: *rugosa* = *carolinensis*

## Gastrophryne areolata (STRECKER)

*Engystoma areolata* STRECKER

Proc. Biol. Soc. Washington, Vol. 22, June 25, 1909, p. 118.

TYPE LOCALITY: Guadalupe River bottom, Victoria, Victoria Co., Texas.

RANGE: Southeastern Texas.

## Gastrophryne carolinensis (HOLBROOK)

*Engystoma carolinense* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 83, pl. 11.

*Engystoma carolinense* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 385, fig. 97.

TYPE LOCALITY: Charleston, South Carolina.

RANGE: Virginia to Florida, Gulf States to Texas, northward through Central Valley to southern Indiana.

## Gastrophryne texensis (GIRARD)

*Engystoma texense* GIRARD

Proc. Ac. Nat. Sci. Phila., 1859, p. 169.

*Engystoma carolinense* (part), COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 385.

TYPE LOCALITY: Rio Seco, Texas.

RANGE: Texas.

## Hypopachus (GENUS)

KEFERSTEIN, Nachr. Ges. Wiss. Göttingen, July 24, 1867, p. 351

TYPE: *seebachii* = *variolosus*

## Hypopachus cuneus COPE

*Hypopachus cuneus* COPE

Proc. U. S. Nat. Mus., Vol. 11, July 5, 1889, p. 395.

*Hypopachus cuneus* COPE

Bull. U. S. Nat. Mus., No. 34, 1889, p. 388, fig. 98.

TYPE LOCALITY: San Diego, Duval Co., Texas.

RANGE: Southern Texas.

## REPTILIA (CLASS)

LAURENTI, Syn. Rept., 1768, p. 19

## DIAPSIDA (SUBCLASS)

OSBORN, Science (N. S.), Vol. 17, Feb. 13, 1903, p. 276

## LORICATA (ORDER)

MERREM, Syst. Amph., 1820, p. 34

## CROCODYLIDAE (FAMILY)

### *Crocodylus* (GENUS)

LAURENTI, Syn. Rept., 1768, p. 53

TYPE: *niloticus* = *Lacerta crocodilus* Linné in part

### *Crocodylus acutus* CUVIER

#### CROCODILE

#### *Crocodylus acutus* CUVIER

Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 55, pl. 1, fig. 3, pl. 2, fig. 5.

#### *Crocodylus americanus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 173, fig. 2.

TYPE LOCALITY: San Domingo.

RANGE: Southern Florida, The Greater Antilles (except Porto Rico), both coasts of Central America from Mexico to Equador and Columbia.

### *Alligator* (GENUS)

CUVIER, Ann. Mus. Hist. Nat. Paris, Vol. 10, 1807, p. 25

TYPE: *lucius* = *Lacerta alligator* Blumenbach, 1788, in part = *mississippiensis*

### *Alligator mississippiensis* (DAUDIN)

#### ALLIGATOR

#### *Crocodylus mississippiensis* DAUDIN

Hist. Nat. Rept., Vol. 2, 1803, p. 412.



*Alligator mississippiensis* [sic] GRAY

Syn. Rept., 1831, p. 62.

*Alligator mississippiensis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 168, fig. 1.

TYPE LOCALITY: "Les bords du Mississippi."

RANGE: Rivers and swamps of the lowlands of the Carolinas, Georgia and Florida, west to Louisiana, Mississippi and westward to the Rio Grande in Texas.

## SQUAMATA (ORDER)

OPPEL, Ord. Rept. 1811, p. 14

## SAURIA (SUBORDER)

MACARTNEY, in Ross' Transl. Cuvier's Lect. Comp.  
Anat., 1802, Vol. 1, table 3

## GEKKONIDAE (FAMILY)

### *Phyllodactylus* (GENUS)

GRAY, Spicileg. Zool., 1830, p. 3

TYPE: *pulcher*

#### *Phyllodactylus tuberculosus* WIEGMANN

*Phyllodactylus tuberculosus* WIEGMANN

Nova Acta Ac. Leop.-Carol., Vol. 17, 1835, p. 241, pl. 18, fig. 2-2a.

*Phyllodactylus tuberculosus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 458, fig. 83.

TYPE LOCALITY: "Californien."

RANGE: Western Mexico and Lower California.

#### *Phyllodactylus unctus* (COPE)

*Diplodactylus unctus* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 102.

*Phyllodactylus (Diplodactylus) unctus* BOCOURT

Miss. Sci. Mexique, Rept., Pt. 2, 1873, p. 43.

*Phyllodactylus unctus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 460, fig. 84.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Peninsula of Lower California.

**Sphaerodactylus** (*GENUS*)

WAGLER, Syst. Amph., 1830, p. 143

TYPE: *sputator***Sphaerodactylus notatus** BAIRD*Sphaeriodactylus notatus* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 254.

*Sphaerodactylus notatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 462, fig. 85.

TYPE LOCALITY: Key West, Florida.

RANGE: Bahama Islands, Cuba, also southern Florida and the Keys (perhaps introduced by commerce).

**EUBLEPHARIDAE** (*FAMILY*)**Coleonyx** (*GENUS*)

GRAY, Ann. Mag. Nat. Hist., Vol. 16, 1845, p. 162

TYPE: *elegans***Coleonyx brevis** STEJNEGER*Coleonyx brevis* STEJNEGER

N. Amer. Fauna, No. 7, 1893, p. 163.

*Eublepharis variegatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), fig. 86.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

**Coleonyx variegatus** (BAIRD)*Stenodactylus variegatus* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 254.

*Coleonyx variegatus* COPE

Proc. Ac. Nat. Sci. Phila., 1866, p. 125.

*Eublepharis variegatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 466.

TYPE LOCALITY: Rio Grande and Gila Valleys.

RANGE: Texas to California.

## IGUANIDAE (FAMILY)

*Anolis* (GENUS)

DAUDIN, Hist. Nat. Rept., Vol. 4, 1803, p. 50

TYPE: *bullaris* = *carolinensis**Anolis carolinensis* VOIGT

"CHAMELEON." ANOLIS

*Anolius carolinensis* VOIGT

Cuvier's Thierreich, Vol. 2, 1832, p. 71.

*Anolis carolinensis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 233, fig. 16.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida, westward through the Gulf region to the Rio Grande.

*Ctenosaura* (GENUS)

WIEGMANN, Isis, 1828, p. 371

TYPE: *cyclusoides**Ctenosaura hemilopha* COPE*Ctenosaura hemilopha* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 105.

*Ctenosaura hemilopha* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 238, fig. 17.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Cape region of Lower California.

*Ctenosaura multispinis* COPE*Ctenosaura multispinis* COPE

Proc. Amer. Philos. Soc., Vol. 23, 1885, p. 267.

*Ctenosaura multispinis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 240.

TYPE LOCALITY: Dondomuigvillo (sic) = Dondomuigillo, Oaxaca and Batopilas, Chihuahua.

RANGE: Mexico northward to Southern Arizona.

*Dipsosaurus* (GENUS)

HALLOWELL, Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92

TYPE: *dorsalis**Dipsosaurus dorsalis* (BAIRD and GIRARD)*Crotaphytus dorsalis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

*Dipsosaurus dorsalis* HALLOWELL

Proc. Ac. Nat. Sci. Phila., vol. 7, 1854, p. 92.

*Dipsosaurus dorsalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 243, fig. 18.

TYPE LOCALITY: Colorado Desert, California.

RANGE: From Cape St. Lucas north along Gulf Coast of Lower California to the Colorado and Mojave Deserts, east to the Colorado River.

**Crotaphytus** (GENUS)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 2, 1842, p. 79

TYPE: *collaris***Crotaphytus collaris collaris** (SAY)

COLLARED LIZARD, MOUNTAIN BOOMER

*Agama collaris* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 252.

*Crotaphytus collaris* HOLBROOK

N. Amer. Herp. Ed. 2, Vol. 2, 1842, p. 79, pl. 10.

*Crotaphytus collaris* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 248.

TYPE LOCALITY: Verdigris River near its union with the Arkansas River, Oklahoma.

RANGE: Arkansas south to Middle-western and Northwestern Texas and west to Eastern New Mexico.

**Crotaphytus collaris baileyi** (STEJNEGER)*Crotaphytus baileyi* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 103, pl. 12, fig. 1.

*Crotaphytus collaris baileyi* STONE

Proc. Ac. Nat. Sci. Phila., 1903, p. 30.

*Crotaphytus collaris* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 250, fig. 19.

TYPE LOCALITY: Painted Desert, Arizona.

RANGE: Southwestern Texas, southern and western New Mexico, Arizona, Utah, Nevada, Idaho, southwestern California, northern Mexico.

**Crotaphytus copeii** YARROW*Crotaphytus copeii* YARROW

Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 441.

*Crotaphytus wislizenii* (part) COPE

Am. Rep. U. S. Mus. 1898 (1900), p. 255.

TYPE LOCALITY: La Paz, Lower California.

RANGE: Southern Lower California, Cerros and Tiburon Islands.

**Crotaphytus reticulatus** BAIRD*Crotaphytus reticulatus* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 253.

*Crotaphytus reticulatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 254, fig. 20.

TYPE LOCALITY: Laredo and Ringgold Barracks, Texas.

RANGE: Extreme southwestern Texas.

**Crotaphytus silus** STEJNEGER*Crotaphytus silus* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 105.

*Crotaphytus wislizenii* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 255.

TYPE LOCALITY: Fresno, California.

RANGE: San Joaquin Valley, California, Washington.

**Crotaphytus wislizenii** BAIRD and GIRARD

LEOPARD LIZARD

*Crotaphytus wislizenii* BAIRD and GIRARD

Stansbury's Expl. Surv. Great Salt Lake, 1852, p. 340, pl. 3.

*Crotaphytus wislizenii* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 255, fig. 21.

TYPE LOCALITY: Near Santa Fé, New Mexico.

RANGE: Northern Idaho, Nevada and Utah, southward into Mexico, Lower and southern California.

**Sauromalus** (GENUS)

DUMÉRIL, Arch. Mus. Hist. Nat. Paris, Vol. 8, 1856, p. 535

TYPE: *ater***Sauromalus ater** DUMÉRIL

CHUCK-WALLA

*Sauromalus ater* DUMÉRIL

Arch. Mus. Hist. Nat. Paris, Vol., 8, 1856, p. 536, pl. 23, fig. 3.

*Sauromalus ater* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 266, fig. 23.

TYPE LOCALITY: Unknown.

RANGE: Southern Nevada, southwestern Utah, Arizona, southern and Lower California.

**Sauromalus hispidus** STEJNEGER*Sauromalus hispidus* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 14, Oct. 27, 1891, p. 409.

*Sauromalus hispidus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 264, fig. 22.

**TYPE LOCALITY:** Angel de la Guardia Island, Gulf of California.  
**RANGE:** Same as type locality.

**Callisaurus** (*GENUS*)

BLAINVILLE, Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286

**TYPE:** *draconoides*

**Callisaurus crinitus** COPE

*Callisaurus crinitus* COPE

Amer. Nat., Vol. 30, Dec. 5, 1896, p. 1049.

**TYPE LOCALITY:** Ballenas Bay, Lower California.

**RANGE:** Ballenas Bay, Lower California.

**Callisaurus draconoides** BLAINVILLE

*Callisaurus draconoides* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 286, pl. 24, fig. 2.

*Callisaurus draconoides* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 269, fig. 24.

**TYPE LOCALITY:** California.

**RANGE:** Southern Lower California.

**Callisaurus ventralis ventralis** (HALLOWELL)

**GRIDIRON-TAILED LIZARD**

*Homalosaurus ventralis* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 179.

*Callisaurus ventralis* BAIRD

U. S. Mex. Bound. Surv., Vol. 1, Pt. 2, 1859, Rept., p. 8.

*Callisaurus draconoides ventralis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 272, fig. 25.

**TYPE LOCALITY:** New Mexico west of Rio Grande.

**RANGE:** Texas to California, north to Nevada, southward into Mexico at least to Guaymas.

**Callisaurus ventralis myurus** RICHARDSON

*Callisaurus ventralis myurus* RICHARDSON

Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 408.

**TYPE LOCALITY:** Pyramid Lake Indian Agency, Nevada.

**RANGE:** Region about Pyramid Lake, Nevada.

**Callisaurus notatus** (BAIRD)

*Uma notata* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 253.

*Callisaurus notatus* COPE

Amer. Nat. Vol. 30, 1896, p. 1049.

*Uma notata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 277, fig. 27.

TYPE LOCALITY: Mojave Desert, California.

RANGE: Yuma and Mojave Deserts.

*Callisaurus scoparius* (COPE)<sup>1</sup>*Uma scoparia* COPE

Amer. Nat., Vol. 28, 1894, p. 435, figs. 3-4.

*Uma scoparia* COPE

Ann. Rep. U. S. Nat. Mus., 1898, (1900), p. 282, fig. 29.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Arizona Deserts.

*Holbrookia* (GENUS)

GIRARD, Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201

TYPE: *maculata**Holbrookia maculata maculata* (GIRARD)*Holbrookia maculata* GIRARD

Proc. Amer. Assoc. Adv. Sci., New Haven, Vol. 4, 1851, p. 201.

*Holbrookia maculata maculata* COPE

Ann. Rept. U. S. Nat. Mus. 1898 (1900), p. 293, fig. 33.

TYPE LOCALITY: Opposite Grand Island, Platte River, Colorado.

RANGE: Northern Texas west to Arizona and northward to Wyoming and Nebraska.

*Holbrookia maculata approximans* (BAIRD)*Holbrookia approximans* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 253.

*Holbrookia maculata approximans* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 109.

*Holbrookia maculata approximans* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 297.

TYPE LOCALITY: "Lower Rio Grande."

RANGE: Southern New Mexico and Arizona, south into northern Mexico.

*Holbrookia maculata flavilenta* COPE*Holbrookia maculata flavilenta* COPE

Proc. Ac. Nat. Sci. Phila., 1883, p. 10.

*Holbrookia maculata flavilenta* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 298, fig. 34.

<sup>1</sup> In the original description Cope says "I name the specimen from Tucson *Uma scopifera*" but a few lines later calls it *Uma scoparia* and does so in all later publications.

**TYPE LOCALITY:** Lake Valley, southern New Mexico.

**RANGE:** Southern New Mexico, southern and western Arizona.

***Holbrookia maculata lacerata* (COPE)**

*Holbrookia lacerata* COPE

Bull. U. S. Nat. Mus., No. 17, 1880, p. 15.

*Holbrookia maculata lacerata* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 109.

*Holbrookia maculata lacerata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 292, fig. 32.

**TYPE LOCALITY:** Erath Co.; west of the Upper Brazos, Comanche Co.; on the Guadalupe River in Kendal or Comal Co.

**RANGE:** Texas, middle district east of the plains and west of the timbered region, from the northern boundary south to the Rio Grande.

***Holbrookia propinqua* BAIRD and GIRARD**

*Holbrookia propinqua* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

*Holbrookia propinqua* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 289, fig. 31.

**TYPE LOCALITY:** Between Indianola and San Antonio, Texas.

**RANGE:** Texas.

***Holbrookia texana* (TROSCHER)**

*Cophosaurus texanus* TROSCHER

Arch. Naturg. Vol. 1, 1850 (1852), p. 389, pl. 6.

*Holbrookia texana* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 124.

*Holbrookia texana* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 286, fig. 30.

**TYPE LOCALITY:** The German colony of Neubraunfels, on the Guadalupe River in Western Texas, Lat. 28° N.

**RANGE:** Texas and eastern New Mexico.

***Uta* (GENUS)**

BAIRD and GIRARD, Stansbury's Expl. Surv. Vall. Great Salt Lake,  
1852, p. 345

**TYPE:** *stansburiana*

***Uta auriculata* COPE**

*Uta auriculata* COPE

Proc. Boston Soc. Nat. Hist., Vol. 14, 1871, p. 303.

**TYPE LOCALITY:** Socorro Island, Revilla Gigedo Archipelago, Mexico.

**RANGE:** The type locality.



**Uta clarionensis** TOWNSEND*Uta clarionensis* TOWNSEND

Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 143.

**TYPE LOCALITY:** Clarion Island, Revilla Gigedo Archipelago, Mexico.**RANGE:** Same as type locality.**Uta graciosa** (HALLOWELL)*Urosaurus graciosus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 92.

*Uta graciosa* BAIRD

U. S. Mexican Bound. Surv., Vol. 2, Pt. 2, 1859, Rept., p. 7.

*Uta graciosa* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 325, fig. 46.

**TYPE LOCALITY:** "Lower California" — with the intention of saying southern California.**RANGE:** Southern California. Arizona. Nevada.**Uta levis** STEJNEGER*Uta levis* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 108.

*Uta levis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 313, fig. 40.

**TYPE LOCALITY:** Tierra Amarilla, New Mexico.**RANGE:** New Mexico.**Uta martinensis** VAN DENBURGH*Uta martinensis* VAN DENBURGH

Proc. California Ac. Sci., Ser. 3, Vol. 4, 1905, p. 18, pl. 6.

**TYPE LOCALITY:** San Martin Island, Lower California.**RANGE:** San Martin Island.**Uta mearnsi** STEJNEGER*Uta mearnsi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 17, Nov. 30, 1894, p. 589.

*Uta mearnsii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 304, fig. 37.

**TYPE LOCALITY:** Summit of the Coast Range, Mexican Boundary of California.**RANGE:** Boundary region of southern and Lower California.**Uta microscutata** VAN DENBURGH*Uta microscutata* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 298.

***Uta parviscutata* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 324, fig. 45.

**TYPE LOCALITY:** San Pedro Martir Mountains, Lower California.

**RANGE:** San Pedro Martir Mountains and San José Island, Lower California.

***Uta nigricauda* COPE*****Uta nigricauda* COPE**

Proc. Ac. Nat. Sci. Phila., 1864, p. 176.

***Uta nigricauda* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 322, fig. 44.

**TYPE LOCALITY:** Cape St. Lucas, Lower California.

**RANGE:** Southern Lower California.

***Uta ornata* BAIRD and GIRARD*****Uta ornata* BAIRD and GIRARD**

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

***Uta ornata* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 315, fig. 41.

**TYPE LOCALITY:** Rio San Pedro, Texas, and Sonora.

**RANGE:** Utah, Nevada, western Texas west to southern California, northern Mexico.

***Uta palmeri* STEJNEGER*****Uta palmeri* STEJNEGER**

N. Amer. Fauna, No. 3, 1890, p. 106.

***Uta palmerii* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 313, fig. 39.

**TYPE LOCALITY:** San Pedro Martir Island, Gulf of California.

**RANGE:** San Pedro Martir Island, Gulf of California.

***Uta repens* VAN DENBURGH*****Uta repens* VAN DENBURGH**

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 102, pl. 7-8, figs. a-e.

***Uta repens* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 303, fig. 36.

**TYPE LOCALITY:** Comondu, Lower California.

**RANGE:** Lower California.

***Uta stansburiana stansburiana* (BAIRD and GIRARD)*****Uta stansburiana* BAIRD and GIRARD**

Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 345, pl. 5, figs. 4-6.

***Uta stansburiana* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 306, fig. 38.

**TYPE LOCALITY:** Salt Lake Valley.

**RANGE:** Parts of Utah, Idaho, Nevada and southern California.

***Uta stansburiana elegans* (YARROW)**

*Uta elegans* YARROW

Proc. U. S. Nat. Mus., Vol. 5, Sept. 29, 1882, p. 442.

*Uta stansburiana elegans* RICHARDSON

Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 413.

**TYPE LOCALITY:** La Paz, Lower California.

**RANGE:** Southern and Lower California, Arizona, New Mexico, Texas, and parts of northern Mexico (in deserts).

***Uta stansburiana hesperis* RICHARDSON**

*Uta stansburiana hesperis* RICHARDSON

Proc. U. S. Nat. Mus., Vol. 48, Jan. 19, 1915, p. 415.

**TYPE LOCALITY:** Arroyo Seco Cañon, near Pasadena, Los Angeles County, California.

**RANGE:** Coast region of southern California.

***Uta stellata* VAN DENBURGH**

*Uta stellata* VAN DENBURGH

Proc. California Ac. Sci., Ser. 3, Vol. 4, 1905, p. 21, pl. 8.

**TYPE LOCALITY:** San Benito Island, Lower California.

**RANGE:** The type locality.

***Uta symmetrica* BAIRD**

*Uta symmetrica* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 253.

*Uta symmetrica* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 317, fig. 42.

**TYPE LOCALITY:** Fort Yuma, Arizona.

**RANGE:** Southern Arizona, Southeastern California.

***Uta thalassina* COPE**

*Uta thalassina* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 104.

*Uta thalassina* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 301, fig. 35.

**TYPE LOCALITY:** Cape St. Lucas, Lower California.

**RANGE:** Southern Lower California.

**Sceloporus (GENUS)**

WIEGMANN, Isis, 1828, p. 369

TYPE: *torquatus***Sceloporus clarkii** BAIRD and GIRARD*Sceloporus clarkii* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 127.

*Sceloporus clarkii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 358, fig. 54.

TYPE LOCALITY: Sonora.

RANGE: New Mexico, Arizona, and Northern Mexico.

**Sceloporus consobrinus consobrinus** (BAIRD and GIRARD)*Sceloporus consobrinus* BAIRD and GIRARD

Marcy's Expl. Red River, 1853, Rept., p. 237, Zool., pl. 10, figs. 5-12.

*Sceloporus undulatus consobrinus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 377, fig. 60.

TYPE LOCALITY: Oklahoma, Roger Mills Co., Red River.

RANGE: The Dakotas, southward to Texas and westward to California.

**Sceloporus consobrinus garmani** (BOULENGER)*Sceloporus garmani* BOULENGER

Proc. Zool. Soc. London, 1882, p. 761, pl. 56.

TYPE LOCALITY: Near Pine Ridge, South Dakota.

RANGE: Region about type locality.

**Sceloporus couchii** BAIRD*Sceloporus couchii* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 254.

*Sceloporus couchii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 395, fig. 66.

*Lysioptychus lateralis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 329, fig. 47.

TYPE LOCALITY: Santa Caterina, Nuevo Leon, Mexico.

RANGE: Northern Mexico to southern Texas.

**Sceloporus disparilis** STEJNEGER*Sceloporus disparilis* STEJNEGER

Proc. Biol. Soc. Washington, Vol. 29, Dec. 16, 1916, p. 228.

TYPE LOCALITY: Lomita Ranch, six miles north of Hidalgo, Texas.

RANGE: Extreme southern corner of Texas and northeastern Mexico.

**Sceloporus elongatus STEJNEGER***Sceloporus elongatus* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 111.

*Sceloporus undulatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 368.

**TYPE LOCALITY:** Moa Ave., Painted Desert, Arizona.**RANGE:** The Painted Desert region.**Sceloporus graciosus graciosus (BAIRD and GIRARD)***Sceloporus graciosus* BAIRD and GIRARDStansbury, Expl. Surv. Vall. Great Salt Lake, 1852, p. 346, pl. 5<sup>r</sup>  
figs. 1-3.*Sceloporus graciosus graciosus* CAMP

Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 67.

*Sceloporus graciosus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 386, fig. 63.

**TYPE LOCALITY:** Valley of Great Salt Lake.**RANGE:** Oklahoma to California and Utah, Nevada and Oregon.**Sceloporus graciosus vandenburgianus (COPE)***Sceloporus vandenburgianus* COPE

Amer. Nat., Vol. 30, 1896, p. 834.

*Sceloporus graciosus vandenburgianus* GRINNELL and CAMP

Univ. California Publ. Zoöl., Vol. 17, July 11, 1917, p. 159.

*Sceloporus vandenburgianus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 390, fig. 64.

**TYPE LOCALITY:** Summit of the Coast Range, San Diego Co. California.**RANGE:** Mountain ranges south of Ventura Co. California.**Sceloporus jarrovii COPE***Sceloporus jarrovii* COPEWheeler's Rep. Surv. W. 100th Merid., Vol. 5, 1875, p. 569, pl. 23.  
fig. 2-2c.*Sceloporus jarrovii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 345, fig. 49.

**TYPE LOCALITY:** Southern Arizona.**RANGE:** Arizona.**Sceloporus licki VAN DENBURGH***Sceloporus licki* VAN DENBURGH

Proc. California Acad. Sci., Ser. 2, Vol. 5, 1895, p. 110, pl. 10.

*Sceloporus lickii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 363.

**TYPE LOCALITY:** Sierra San Lazaro, Lower California.**RANGE:** Same as type locality.

**Sceloporus magister HALLOWELL***Sceloporus magister* HALLOWELL

Proc. Ac. Nat. Sci. Phila., 1854, p. 93.

*Sceloporus clarkii* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 358.

**TYPE LOCALITY:** Yuma, Arizona.**RANGE:** Southeastern California, western Arizona, southern Nevada, southwestern Utah.**Sceloporus merriami STEJNEGER***Sceloporus merriami* STEJNEGER

Proc. Biol. Soc. Washington, Vol. 17, Feb. 5, 1904, p. 17.

**TYPE LOCALITY:** East Painted Cave near mouth of Pecos River, Rio Grande Valley, Texas.**RANGE:** Rio Grande Cañon, Western Texas.**Sceloporus occidentalis occidentalis (BAIRD and GIRARD)***Sceloporus occidentalis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.

*Sceloporus occidentalis occidentalis* CAMP

Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 65.

**TYPE LOCALITY:** Benicia, California.**RANGE:** Northern and north central California.**Sceloporus occidentalis becki (VAN DENBURGH)***Sceloporus becki* VAN DENBURGH

Proc. California Ac. Sci., Ser. 3, Zoöl., 4, June 15, 1905, p. 9, pl. 4.

*Sceloporus occidentalis becki* GRINNELL and CAMP

Univ. of Calif. Publ. Zoöl., Vol. 17, July 11, 1917, p. 162.

**TYPE LOCALITY:** San Miguel Island, Santa Barbara Co., California.**RANGE:** Islands off coast of Santa Barbara County, California.**Sceloporus occidentalis bi-seriatus (HALLOWELL)***Sceloporus bi-seriatus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 93.

*Sceloporus occidentalis bi-seriatus* CAMP

Univ. California Publ. Zoöl., Vol. 17, Dec. 28, 1916, p. 65.

*Sceloporus biseriatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 381, fig. 61.

**TYPE LOCALITY:** El Paso Creek, Tejon Valley, Texas.**RANGE:** Texas westward to California, also Utah, Idaho and Nevada.

**Sceloporus occidentalis taylori** CAMP*Sceloporus occidentalis taylori* CAMP

Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 65.

TYPE LOCALITY: Halfway between Merced Lake and Sunrise Trail (Ecko Creek Basin), altitude 7500 feet, Yosemite National Park, California.

RANGE: Yosemite National Park, above 7000 feet altitude.

**Sceloporus orcutti** STEJNEGER*Sceloporus orcutti* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 181, pl. 1, figs. 4a-c.

*Sceloporus orcuttii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 354, fig. 52.

TYPE LOCALITY: Milquatay Valley, San Diego County, California.

RANGE: Southern California.

**Sceloporus scalaris** WEIGMANN.*Sceloporus scalaris* WIEGMANN

Isis, 1828, p. 370.

*Sceloporus scalaris* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 401, fig. 68.

TYPE LOCALITY: Mexico.

RANGE: Mexico northward to the U. S. boundary.

**Sceloporus spinosus floridanus** (BAIRD)*Sceloporus floridanus* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 254.

*Sceloporus spinosus floridanus* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 181.

*Sceloporus spinosus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 364, fig. 55.

TYPE LOCALITY: Pensacola, Florida.

RANGE: Extreme western Florida to Texas, New Mexico and northern Mexico.

**Sceloporus torquatus poinsettii** (BAIRD and GIRARD)*Sceloporus poinsettii* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 126.

*Sceloporus torquatus poinsettii* COPE

Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 402.

*Sceloporus torquatus poinsettii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 350, fig. 51.

TYPE LOCALITY: Rio San Pedro, Texas, and Sonora, Mexico.

RANGE: Texas to Arizona, northern states of Mexico.

**Sceloporus undulatus (LATREILLE)**

PINE LIZARD, FENCE LIZARD

*Stellio undulatus* LATREILLE

Hist. Nat. Rept., Vol. 2, 1802, p. 40.

*Sceloporus undulatus* WIEGMANN

Isis, 1828, p. 369.

*Sceloporus undulatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 368, fig. 57.

TYPE LOCALITY: "Les grands bois de la Caroline."

RANGE: Eastern States, New Jersey to Florida.

**Sceloporus variabilis WIEGMANN***Sceloporus variabilis* WIEGMANN

Herp. Mexico, 1834, p. 51.

*Sceloporus variabilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 398, fig. 67.

TYPE LOCALITY: Mexico.

RANGE: Guatemala and Mexico to southern Texas.

**Sceloporus zosteromus COPE***Sceloporus zosteromus* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 105.

*Sceloporus zosteromus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 356, fig. 53.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Lower California.

**Phrynosoma (GENUS)**

WIEGMANN, Isis, 1828, p. 367

TYPE: *orbicularis*

THE HORN-TOADS

**Phrynosoma blainvillii GRAY***Phrynosoma blainvillii* GRAY

Zool. Beachey's Voyage, 1839, p. 96, pl. 29, fig. 1.

*Phrynosoma blainvillei* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 423, fig. 74.

TYPE LOCALITY: California.

RANGE: Southern California, northern Lower California.

**Phrynosoma brevicornis BOULENGER***Phrynosoma brevicornis* BOULENGER

Proc. Zool. Soc. London, 1916, p. 537, pl. 1.

TYPE LOCALITY: Texas.

RANGE: Unknown.



**Phrynosoma brevirostre (GIRARD)***Tapaya brevirostris* GIRARD

U. S. Expl. Exp., Herp., 1858, p. 397.

*Phrynosoma brevirostre* COPE

Proc. Ac. Nat. Sci. Phila., 1866, p. 302.

TYPE LOCALITY: Plains of Kansas and Nebraska.

RANGE: Wyoming, the Basins of the Yellowstone and Platte Rivers.

**Phrynosoma cerroense STEJNEGER***Phrynosoma cerroense* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 187.

*Phrynosoma cerroense* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 428, fig. 75.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: The type locality.

**Phrynosoma cornutum (HARLAN)***Agama cornuta* HARLAN

Journ. Ac. Nat. Sci. Phila., Vol. 4, 1825, p. 299, pl. 20.

*Phrynosoma cornutum* GRAY

Griffith's Animal Kingdom, Syn. Rept., 1831, p. 9.

*Phrynosoma cornutum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 432, fig. 77.

TYPE LOCALITY: Great Plains east of the Rocky Mountains.

RANGE: From Kansas to the northern states of Mexico, west to Colorado and New Mexico.

**Phrynosoma coronatum (BLAINVILLE)***Agama (Phrynosoma) coronata* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 284, pl. 25, fig. 1.

*Phrynosoma coronatum* DUMÉRIL and BIBRON

Erp. Gén., Vol. 4, 1837, p. 318.

*Phrynosoma coronatum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 430.

TYPE LOCALITY: "California" by inference.

RANGE: Lower California.

**Phrynosoma ditmarsii STEJNEGER***Phrynosoma ditmarsii* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 29, Feb. 2, 1906, p. 565.

TYPE LOCALITY: State of Sonora, Mexico, not far from boundary of Arizona.

RANGE: Northern Mexico and probably southern Arizona.

**Phrynosoma douglassii (BELL)***Agama douglassii* BELL

Trans. Linn. Soc. London, Vol. 16, 1833, p. 105, pl. 10.

*Phrynosoma douglasii* WIEGMANN

Herp. Mexico, 1834, p. 54.

*Phrynosoma douglasii douglassii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 411, fig. 69.

TYPE LOCALITY: "In ora occidentali Americae Borealis ad ripas fluminis Columbiae."

RANGE: Oregon and Washington.

**Phrynosoma frontale VAN DENBURGH***Phrynosoma frontalis* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 296.

*Phrynosoma blainvillei* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 423.

TYPE LOCALITY: Bear Valley, San Benito Co., California.

RANGE: El Dorado to Kern Counties, California.

**Phrynosoma hernandesi (GIRARD)***Tapaya hernandesi* GIRARD

U. S. Expl. Exp., Herp., 1858, p. 395.

*Phrynosoma hernandesi* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 112.

*Phrynosoma douglassii hernandesi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 413, fig. 70.

TYPE LOCALITY: New Mexico.

RANGE: The plateau region of Colorado, Utah, New Mexico and Arizona.

**Phrynosoma m'callii (HALLOWELL)***Anota m'callii* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.

*Phrynosoma maccallii* COPE

Proc. Ac. Nat. Sci. Phila., 1866, p. 310.

*Phrynosoma maccallii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 448, fig. 82.

TYPE LOCALITY: Colorado Desert between Vallecita [sic] and Camp Yuma, 160 miles east of San Diego, California.

RANGE: Southeastern California and southwestern Arizona.

**Phrynosoma modestum GIRARD***Phrynosoma modestum* GIRARD

Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 365, pl. 6, figs. 4-8.

*Anota modesta* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 437, fig. 78.

TYPE LOCALITY: The Rio Grande, west of San Antonio, Texas,  
and from between San Antonio and El Paso.

RANGE: Texas to Arizona and northern Mexico.

*Phrynosoma ornatissimum* (GIRARD)

*Tapaya ornatissima* GIRARD

U. S. Expl. Exp., Herp., 1858, p. 396.

*Phrynosoma ornatissimum* STEJNEGER

N. Amer. Fauna, No. 3, 1890, p. 115, pl. 12, figs. 3, a-c.

*Phrynosoma douglassii ornatissimum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 415, fig. 71.

TYPE LOCALITY: Mountainous region of New Mexico.

RANGE: Deserts of Arizona, New Mexico and Colorado.

*Phrynosoma platyrhinos* GIRARD

*Phrynosoma platyrhinos* GIRARD

Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, pp. 361, 363,  
pl. 7, figs. 1-5.

*Anota platyrhina* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 443, fig. 81.

TYPE LOCALITY: Great Salt Lake Valley, Utah.

RANGE: Washington southward to California, Utah, Idaho and  
Nevada.

*Phrynosoma solare* GRAY

*Phrynosoma solaris* GRAY

Cat. Liz. Brit. Mus., 1845, p. 229.

*Phrynosoma solare* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 420, fig. 73.

TYPE LOCALITY: "California."

RANGE: Northern Lower California and extreme southern Ari-  
zona.

## ANGUIDAE (FAMILY)

*Ophisaurus* (GENUS)

DAUDIN, Bull. Soc. Philom. Paris, Vol. 3, No. 72, March, 1803, p. 188

TYPE: *ventralis*

*Ophisaurus ventralis* (LINNÉ)

GLASS-SNAKE, JOINT-SNAKE

*Anguis ventralis* LINNÉ

Syst. Nat., Ed. 12, 1766, p. 391.

*Ophisaurus ventralis* DAUDIN

Hist. Nat. Rept. Vol. 7, 1803, p. 352, pl. 88.

*Ophisaurus ventralis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 494, fig. 88.

TYPE LOCALITY: Carolina.

RANGE: Southern United States, in the east distributed northward to the Carolinas and Tennessee, in the central valley to Wisconsin, westward to New Mexico and southward to the state of Vera Cruz, Mexico.

*Gerrhonotus* (GENUS)

WIEGMANN, Isis, 1828, p. 379

TYPE: *tessellatus* = *liocephalus**Gerrhonotus coeruleus* WIEGMANN<sup>1</sup>*Gerrhonotus coeruleus* WIEGMANN

Isis, 1828, p. 380.

*Gerrhonotus burnettii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 526, fig. 94.

TYPE LOCALITY: "Brasilia" (*in errore*; probably San Francisco, Cal.).

RANGE: Coast region of southern California.

*Gerrhonotus infernalis* (BAIRD)*Gerrhonotus infernalis* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 255.

*Gerrhonotus liocephalus infernalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 517, fig. 91.

TYPE LOCALITY: Devil's River, Texas.

RANGE: Southern Texas and northern Mexico.

*Gerrhonotus multi-carinatus* (BLAINVILLE)*Cordylus* (*Gerrhonotus*) *multi-carinatus* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 25, fig. 2.

*Gerrhonotus multicarinatus* DUMÉRIL and BIBRON

Erp. Gén., Vol. 5, 1839, p. 404.

*Gerrhonotus multicarinatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 520.

TYPE LOCALITY: "California."

RANGE: Lower California and Mexico.

*Gerrhonotus nobilis* (BAIRD and GIRARD)*Elgaria nobilis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 129.

<sup>1</sup> Type examined by L. Stejneger in Berlin.

*Gerrhonotus nobilis* BAIRD

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 11, pl. 25, figs. 1-8.

*Gerrhonotus nobilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 519, fig. 92.

TYPE LOCALITY: Fort Webster, copper mines of the Gila (Santa Rita del Cobre) New Mexico.

RANGE: New Mexico, Arizona and northern Mexico.

*Gerrhonotus palmeri* (STEJNEGER)*Gerrhonotus scincicauda palmeri* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 196.

*Gerrhonotus palmeri* VAN DENBURGH

Occ. Papers California Ac. Sci., No. 5, 1897, p. 113.

*Gerrhonotus multicarinatus palmerii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 525.

TYPE LOCALITY: South Fork King's River, California.

RANGE: Sierra Nevada slopes, in central California.

*Gerrhonotus principis* (BAIRD and GIRARD)*Elgaria principis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 175.

*Gerrhonotus principis* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 197.

*Gerrhonotus principis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 529, fig. 95.

TYPE LOCALITY: Oregon and Puget Sound.

RANGE: Western Washington and Oregon, northwestern California and Vancouver Island.

*Gerrhonotus scincicauda* (SKILTON)*Tropidolepis scincicauda* SKILTON

Amer. Journ. Sci. Arts, Ser. 2, Vol. 7, 1849, p. 202, pl. at p. 312, figs. 1-3.

*Gerrhonotus multicarinatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 520, fig. 93.

TYPE LOCALITY: "Dalles of the Columbia."

RANGE: Oregon and California west of the Sierra Nevada.

*Barissia* (GENUS)

GRAY, Cat. Liz. Brit. Mus., 1845, p. 54

TYPE: *imbricata*

*Barissia levicollis* STEJNEGER*Barissia levicollis* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 184.

*Barissia levicollis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 535, fig. 96.

TYPE LOCALITY: "Mexican Boundary."

RANGE: Unknown.

## ANNIELLIDAE (FAMILY)

*Anniella* (GENUS)

GRAY, Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440

TYPE: *pulchra**Anniella nigra* (FISCHER)*Aniella nigra* FISCHER

Abh. Naturw. Ver. Hamburg, Vol. 9, Pt. 1, 1886, p. 9.

*Anniella pulchra* var. *A. nigra* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 675.

TYPE LOCALITY: San Diego, California, probably *in errore*.

RANGE: Country about Pacific Grove, California.

*Anniella pulchra* GRAY*Anniella pulchra* GRAY

Ann. Mag. Nat. Hist., Ser. 2, Vol. 10, 1852, p. 440.

*Anniella pulchra* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 674, fig. 138.

TYPE LOCALITY: California.

RANGE: Coastal region of southern California.

## HELODERMATIDAE (FAMILY)

*Heloderma* (GENUS)

WIEGMANN, Isis, 1829, p. 624

TYPE: *horridum**Heloderma suspectum* COPE

GILA MONSTER

*Heloderma suspectum* COPE

Proc. Ac. Nat. Sci. Phila., 1869, p. 5.

*Heloderma suspectum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 476, fig. 87.

TYPE LOCALITY: Sierra de la Union, Arizona, ("Sonora").

RANGE: Extreme southern Utah and Nevada, Arizona and Sonora.

## XANTUSIIDAE (FAMILY)

*Xantusia* (GENUS)

BAIRD, Proc. Ac. Nat. Sci. Phila., 1858, p. 255

TYPE: *vigilis**Xantusia gilberti* VAN DENBURGH*Xantusia gilberti* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 121, pl. 11.

*Amoebopsis gilbertii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 555, fig. 101.

TYPE LOCALITY: San Francisquito, Sierra Laguna, Lower California.

RANGE: Limits of range unknown.

*Xantusia henshawi* STEJNEGER*Xantusia henshawi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 16, July 21, 1893, p. 467.

*Zablepsis henshawi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 553, fig. 100.

TYPE LOCALITY: Witch Creek, San Diego Co., California.

RANGE: Known from a few localities in southern California.

*Xantusia riversiana* COPE*Xantusia riversiana* COPE

Proc. Ac. Nat. Sci. Phila., 1883, p. 29.

*Xantusia riversiana* COPE

Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 550, fig. 99.

TYPE LOCALITY: California, according to Cope, but later stated by Prof. Rivers to have been San Nicholas Island, off the California Coast.

RANGE: San Nicholas, Santa Barbara and San Clemente Islands, Coast of California.

*Xantusia vigilis* BAIRD*Xantusia vigilis* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 255.

*Xantusia vigilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 545, fig. 97.

TYPE LOCALITY: Fort Tejon, California.

RANGE: The tree-yucca zone of southern Nevada and southeastern California.

## TEIIDAE (FAMILY)

**Verticaria** (GENUS)

COPE, Proc. Amer. Philos. Soc., Vol. 11, 1869, p. 158

TYPE: *hyperythra***Verticaria hyperythra hyperythra** (COPE)*Verticaria hyperythra* COPE

Proc. Amer. Philos. Soc., Vol. 11, 1869, p. 158.

*Verticaria hyperythra* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 563.

TYPE LOCALITY: Cape San Lucas, Lower California.

RANGE: Southern end of Lower California.

**Verticaria hyperythra beldingi** (STEJNEGER)*Verticaria beldingi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 17, May 4, 1894, p. 17.

*Verticaria hyperythra beldingi* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 131.

*Verticaria hyperythra* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 563, fig. 102.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Southern California to middle Lower California, Cerros Island.

**Verticaria sericea** VAN DENBURGH*Verticaria sericea* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 132, pl. 12.

*Verticaria sericea* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 564, fig. 103.

TYPE LOCALITY: San José Island, Lower California.

RANGE: San José Island, Lower California.

**Cnemidophorus** (GENUS)

WAGLER, Syst. Amph., 1830, p. 154

TYPE: *murinus*

THE SWIFTS OR WHIP-TAILS

**Cnemidophorus arizonae** VAN DENBURGH*Cnemidophorus arizonae* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 6, p. 344.

TYPE LOCALITY: Fairbank, Cochise Co., Arizona.

RANGE: Southern Arizona.



**Cnemidophorus grahamii** BAIRD and GIRARD*Cnemidophorus grahamii* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.

*Cnemidophorus grahamii grahamii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 598, fig. 117.

TYPE LOCALITY: Between San Antonio and El Paso, Texas.

RANGE: Texas.

**Cnemidophorus labialis** STEJNEGER*Cnemidophorus labialis* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 12, June, 1890, p. 643.

*Cnemidophorus labialis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 610, fig. 122.

TYPE LOCALITY: Cerros Island, Lower California.

RANGE: Cerros Island, Lower California.

**Cnemidophorus martyris** STEJNEGER*Cnemidophorus martyris* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 14, Aug. 31, 1891, p. 407.

TYPE LOCALITY: San Pedro Martir Island, Gulf of California.

RANGE: Type locality.

**Cnemidophorus maximus** COPE*Cnemidophorus maximus* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 104.

*Cnemidophorus maximus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 570, fig. 104.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

**Cnemidophorus melanostethus** COPE*Cnemidophorus melanostethus* COPE

Proc. Ac. Nat. Sci. Phila., 1863, p. 104.

*Cnemidophorus tessellatus melanostethus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 581, fig. 109.

TYPE LOCALITY: "Region of the Colorado of California" Colorado Desert, Arizona.

RANGE: Deserts of southern Arizona.

**Cnemidophorus multiscutatus** (COPE)*Cnemidophorus tessellatus multiscutatus* COPE

Trans. Amer. Philos. Soc., Vol. 7, 1892, p. 38.

*Cnemidophorus multiscutatus* VAN DENBURGH

Proc. California Ac. Sci., Ser. 4, Vol. 4, 1914, p. 144.

*Cnemidophorus tessellatus multiscutatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 586, fig. 111.

**TYPE LOCALITY:** Cerros Island, Lower California.

**RANGE:** Cerros Island, Lower California.

**Cnemidophorus perplexus** BAIRD and GIRARD

*Cnemidophorus perplexus* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila. Vol. 6, 1852, p. 128.

*Cnemidophorus tessellatus perplexus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 573, fig. 106.

**TYPE LOCALITY:** Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.

**RANGE:** Texas and New Mexico.

**Cnemidophorus rubidus** (COPE)

*Cnemidophorus tessellatus rubidus* COPE

Trans. Amer. Philos. Soc., Ser. 2, Vol. 17, 1892, p. 36, pl. 12, fig. f.

*Cnemidophorus rubidus* VAN DENBURGH

Proc. California Ac. Sci., Ser. 4, Vol. 4, 1914, p. 145.

*Cnemidophorus tessellatus rubidus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 584, fig. 110.

**TYPE LOCALITY:** Sta. Margarita Island, Lower California.

**RANGE:** Sta. Margarita Island, Lower California.

**Cnemidophorus sexlineatus** (LINNÉ)

*Lacerta sexlineata* LINNÉ

Syst. Nat. Ed. 12, 1766, p. 364.

*Cnemidophorus sexlineatus* DUMÉNIL and BIBRON

Erp. Gén., Vol. 5, 1839, p. 131.

*Cnemidophorus sexlineatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 593, fig. 116.

**TYPE LOCALITY:** In Carolina.

**RANGE:** Maryland to Florida, west to northern Mexico and Arizona and up the Mississippi Valley as far north as Lake Michigan.

**Cnemidophorus gularis** BAIRD and GIRARD

*Cnemidophorus gularis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 128.

*Cnemidophorus gularis gularis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 602, fig. 118.

**TYPE LOCALITY:** Indianola and San Pedro River, Texas.

**RANGE:** Arkansas and Oklahoma through Texas west to Arizona also the northern states of Mexico.

**Cnemidophorus tessellatus tessellatus** (SAY)

*Ameiva tessellata* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 50.

*Cnemidophorus tessellatus* BAIRD

Pacific R.R. Surv., Vol. 10, Pt. 4, 1859, p. 18.

*Cnemidophorus tessellatus tessellatus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 575, fig. 107.

TYPE LOCALITY: Arkansas River, near Castle Rock Creek, Colorado.

RANGE: Texas to California, also Utah, Colorado and Nevada.

*Cnemidophorus tessellatus mundus* (CAMP)*Cnemidophorus tigris mundus* CAMP

Univ. California Publ. Zool., Vol. 17, Dec. 28, 1916, p. 71.

TYPE LOCALITY: "Near Fort Yuma, in San Joaquin Valley"  
= Fort Miller, Fresno County, California.

RANGE: Central California.

*Cnemidophorus tessellatus stejnegeri* (VAN DENBURGH)*Cnemidophorus stejnegeri* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 4, 1894, p. 300.

*Cnemidophorus grahamii stejnegerii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 599.

TYPE LOCALITY: Near Ensenada, Lower California.

RANGE: Southern California and northern Lower California.

## SCINCIDAE

*Leiopisma* (GENUS)

DUMÉRIEUX and BIBRON, Exp. Gén., Vol. 5, 1839, p. 742

TYPE: *telfairii**Leiopisma laterale* (SAY)*Scincus lateralis* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 324.

*Leiopisma laterale* JORDAN

Man. Vertebr. North. U. S., Ed. 8, 1899, p. 201.

*Leiopisma laterale* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 622, fig. 123.

TYPE LOCALITY: Banks of Mississippi River below Cape Girardeau, Missouri.

RANGE: Maryland to Florida, west to Illinois and Texas.<sup>1</sup><sup>1</sup> What is apparently the same species occurs also in China and Formosa.

**Plestiodon (GENUS)**DUMÉRIL and BIBRON, *Erp. Gén.*, Vol. 5, 1839, p. 697TYPE: *quinquelineatus***Plestiodon anthracinus BAIRD***Plestiodon anthracinus* BAIRD*Journ. Ac. Nat. Sci. Phila.*, Ser. 2, Vol. 1, 1849, p. 294.*Eumeces anthracinus* COPE*Ann. Rep. U. S. Nat. Mus.* 1898 (1900), p. 661, fig. 135.

TYPE LOCALITY: North Mountain near Carlisle, Pennsylvania.

RANGE: Western Pennsylvania to Missouri, Arkansas and Texas.

**Plestiodon brevilineatus (COPE)***Eumeces brevilineatus* COPE*Bull. U. S. Nat. Mus.*, No. 17, 1880, p. 18.*Eumeces brevilineatus* COPE*Ann. Rep. U. S. Nat. Mus.* 1898 (1900), p. 664, fig. 137.

TYPE LOCALITY: Helotes, Bexar Co., Texas.

RANGE: Texas.

**Plestiodon egregius BAIRD***Plestiodon egregius* BAIRD*Proc. Ac. Nat. Sci. Phila.*, 1858, p. 256.*Eumeces egregius* COPE*Ann. Rep. U. S. Nat. Mus.* 1898 (1900), p. 655, fig. 132.

TYPE LOCALITY: Indian Key, Florida.

RANGE: Western Florida and the Florida Keys.

**Plestiodon fasciatus (LINNÉ)**

BLUE-TAILED SKINK, SCORPION

*Lacerta fasciata* LINNÉ*Syst. Nat.*, Ed. 10, Vol. 1, 1758, p. 209.*Plestiodon fasciatus* BAIRD*Journ. Ac. Nat. Sci. Phila.*, Ser. 2., Vol. 1, 1849, p. 294.*Eumeces quinquelineatus* COPE*Ann. Rep. U. S. Nat. Mus.* 1898 (1900), p. 632, fig. 125.

TYPE LOCALITY: Carolina.

RANGE: Southern New England to Florida, up the Mississippi Valley to Canada and westward to Arizona.

**Plestiodon guttulatus<sup>1</sup> (HALLOWELL)***Lamprosaurus guttulatus* HALLOWELL*Proc. Ac. Nat. Sci. Phila.*, Vol. 6, 1852, p. 206.<sup>1</sup> Possibly the young of *P. obsoletus*.

***Plestiodon guttulatus* HALLOWELL**

Proc. Ac. Nat. Sci. Phila., 1857, p. 215.

***Eumeces guttulatus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 645, fig. 127.

**TYPE LOCALITY:** Fort Filmore below Jornada del Muerte, New Mexico.**RANGE:** Western Texas and Oklahoma to Arizona.***Plestiodon longirostris* COPE*****Plestiodon longirostris* COPE**

Proc. Ac. Nat. Sci. Phila., 1861, p. 313.

***Eumeces longirostris* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 631, fig. 124.

**TYPE LOCALITY:** Bermuda.**RANGE:** Bermuda.***Plestiodon multivirgatus* HALLOWELL*****Plestiodon multivirgatus* HALLOWELL**

Proc. Ac. Nat. Sci. Phila., 1857, p. 215.

***Eumeces epipleurotus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 650, fig. 129.

***Eumeces leptogrammus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 651, fig. 130.

***Eumeces multivirgatus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 653, fig. 131.

**TYPE LOCALITY:** Posa Creek, 460 miles west of Fort Riley, Kansas.**RANGE:** Nebraska to Northern Texas.***Plestiodon obsoletus* BAIRD and GIRARD*****Plestiodon obsoletum* BAIRD and GIRARD**

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 129.

***Eumeces obsoletus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 646, fig. 128.

**TYPE LOCALITY:** Valley of the Rio San Pedro, tributary of the Rio Grande del Norte, Texas.**RANGE:** Utah and Kansas southward to northern Mexico.***Plestiodon pachyurus* (COPE)*****Eumeces pachyurus* COPE**

Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.

***Eumeces pachyurus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 659.

**TYPE LOCALITY:** Near Dallas, Texas.**RANGE:** Texas.

**Plestiodon pluvialis (COPE)***Eumeces pluvialis* COPE

Bull. U. S. Nat. Mus., No. 17, 1880, p. 19.

*Eumeces pluvialis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 663, fig. 136.

TYPE LOCALITY: Mobile, Alabama.

RANGE: Central Gulf area.

**Plestiodon septentrionalis BAIRD***Plestiodon septentrionalis* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 256.

*Eumeces septentrionalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 656, fig. 133.

TYPE LOCALITY: Minnesota and Nebraska.

RANGE: Minnesota, Nebraska and Kansas.

**Plestiodon skiltonianus BAIRD and GIRARD***Plestiodon skiltonianum* BAIRD and GIRARD

Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 349, pl. 4, figs. 4-6.

*Eumeces skiltonianus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 640, fig. 126.

TYPE LOCALITY: Oregon.

RANGE: Western Oregon, and most of California, except the extreme southeastern desert area. Lower California.

**Plestiodon tetragrammus BAIRD***Plestiodon tetragrammus* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 256.

*Eumeces tetragrammus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 660.

TYPE LOCALITY: Lower Rio Grande.

RANGE: Southern Texas and northeastern Mexico.

**Neoseps (GENUS)**

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 33

TYPE: *reynoldsi***Neoseps reynoldsi STEJNEGER***Neoseps reynoldsi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 39, Sept. 23, 1910, p. 34.

TYPE LOCALITY: Near Spring Lake, Fruitland Park, Lake Co., Florida.

RANGE: Central Florida.

## BIPEDIDAE (FAMILY)

*Bipes* (GENUS)

LATREILLE, Hist. Nat. Rept., Vol. 2, 1802, p. 90

TYPE: *canaliculatus**Bipes biporus* (COPE)*Euchirotas biporus* COPE

Amer. Nat., Vol. 28, 1894, p. 436, figs. 5a-e.

*Euchirotas biporus* COPE

Ann. Rep. U. S. Nat. 1898 (1900), p. 680, fig. 140.

TYPE LOCALITY: La Paz,<sup>1</sup> Lower California.

RANGE: Southern Lower California.

## LEPOSTERNIDAE (FAMILY)

*Rhineura* (GENUS)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 75

TYPE: *floridana**Rhineura floridana* (BAIRD)*Lepidosternon floridanum* BAIRD

Proc. Ac. Nat. Sci. Phila., 1858, p. 255.

*Rhineura floridana* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 75.

*Rhineura floridana* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 686, fig. 141.

TYPE LOCALITY: Micanopy, Florida.

RANGE: Peninsular Florida.

## SERPENTES (SUBORDER)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214

## LEPTOTYPHLOPIDAE (FAMILY)

*Leptotyphlops* (GENUS)

FITZINGER, Syst. Rept., 1843, p. 24

TYPE: *nigricans**Leptotyphlops dulcis* (BAIRD and GIRARD)*Rena dulcis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 142.

<sup>1</sup> Given in error in original description as Cape St. Lucas.

*Leptotyphlops dulcis* STEINEGER

Proc. U. S. Nat. Mus., Vol. 14, Oct. 31, 1891, p. 501.

*Glauconia dulcis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 717, fig. 143.

TYPE LOCALITY: Between San Pedro and Comanche Springs,  
Texas.

RANGE: Northern Mexico, Texas and New Mexico.

**Siagonodon** (GENUS)

PETERS, Sitz. Ber. Ges. Naturf. Freunde, Berlin, 1881, p. 71

TYPE: *septemstriatus***Siagonodon humilis** (BAIRD and GIRARD)*Rena humilis* BAIRD and GIRARD

Cat. N. Amer. Rept., pt. 1, 1853, p. 143.

*Siagonodon humilis* VAN DENBURGH

Occ. Pap. California Ac. Sci., Vol. 5, 1897, p. 150.

*Glauconia humilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 719, fig. 144.

TYPE LOCALITY: Valliecity (sic), California.

RANGE: Deserts of Arizona, southern California, Lower California and northwestern Mexico.

**BOIDAE** (FAMILY)**Lichanura** (GENUS)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 304

TYPE: *trivirgata***Lichanura roseofusca** COPE*Lichanura roseofusca* COPE

Proc. Ac. Nat. Sci. Phila., 1868, p. 2.

*Lichanura roseofusca* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 724, fig. 146.

TYPE LOCALITY: Northern Lower California.

RANGE: Southern California, northern Lower California and  
Arizona.**Lichanura trivirgata** COPE*Lichanura trivirgata* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 304.

*Lichanura trivirgata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 723, fig. 145.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Lower California.



**Charina** (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 113

TYPE: *bottae***Charina bottae** (BLAINVILLE)**RUBBER SNAKE, BALL SNAKE***Tortrix bottae* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 289, pl. 26, figs. 1-B1.

*Charina bottae* GRAY

Cat. Snakes Brit. Mus., 1849, p. 113.

*Charina bottae* COPE

Rep. U. S. Nat. Mus. 1898 (1900), p. 728, fig. 148.

TYPE LOCALITY: California.

RANGE: Humid districts of California, Nevada, Idaho, Oregon and Washington.

**COLUBRIDAE** (*FAMILY*)**Carphophis** (*GENUS*)

GERVAIS, D'Orbigny's Dict. Univ. Hist. Nat.

Vol. 3, 1843, p. 191

TYPE: *amoena***WORM SNAKES****Carphophis amoena** (SAY)*Coluber amoenus* SAY

Journ. Ac. Nat. Sci. Phila., Vol. 4, pt. 2, 1825, p. 237.

*Carphophis amoena* GERVAIS

D'Orbigny's Dict. Univ. Hist. Nat., Vol. 3, 1843, p. 191.

*Carphophiops amoenus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 735, fig. 151.

TYPE LOCALITY: Pennsylvania.

RANGE: Connecticut to Florida, westward in Ohio, Illinois and Indiana.

**Carphophis vermis** (KENNICOTT)*Celuta vermis* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1859, p. 99.

*Carphophiops vermis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 737, fig. 152.

TYPE LOCALITY: Missouri.

RANGE: Kansas southward to Louisiana.

**Abastor** (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 78

TYPE: *erythrogrammus***Abastor erythrogrammus** (DAUDIN)

## RAINBOW SNAKE

*Coluber erythrogrammus* DAUDIN

Hist. Nat. Rept., Vol. 7, 1803, p. 93, pl. 83, figs. 2a-b.

*Abastor erythrogrammus* GRAY

Cat. Snakes Brit. Mus., 1849, p. 78.

*Abastor erythrogrammus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 738, fig. 153.

TYPE LOCALITY: États Unis d'Amérique.

RANGE: Virginia southward to Florida and Alabama.

**Farancia** (*GENUS*)

GRAY, Zool. Misc., 1842, p. 78

TYPE: *drummondi* = *abacura***Farancia abacura** (HOLBROOK)

## HORN-SNAKE, MUD-SNAKE

*Coluber abacurus* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 119, pl. 23.

*Farancia abacura* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 123.

*Farancia abacura* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 741, fig. 154.

TYPE LOCALITY: South Carolina.

RANGE: Virginia to Florida and Louisiana, in the Mississippi Valley northward to Indiana.

**Diadophis** (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 112

TYPE: *punctatus*

## RING-NECK SNAKES

**Diadophis amabilis** BAIRD and GIRARD*Diadophis amabilis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 113.

*Diadophis amabilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 746, figs. 157, 160.

TYPE LOCALITY: San José, California.

RANGE: Oregon to Lower California.

**Diadophis armyi** KENNICOTT*Diadophis armyi* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1859, p. 99.

*Diadophis regalis armyi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 745, fig. 156.

TYPE LOCALITY: Hyatt, Anderson County, Kansas.

RANGE: Ohio, Illinois, Indiana, Kansas, Iowa, Missouri, Arkansas, Oklahoma, and Texas.

**Diadophis punctatus** (LINNÉ)*Coluber punctatus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 376.

*Diadophis punctatus* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 112.

*Diadophis punctatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 751, fig. 162.

TYPE LOCALITY: Carolina.

RANGE: In the east from southeastern Canada to Florida, in the west reaching Michigan also found in Illinois, Ohio and Tennessee.

**Diadophis regalis** BAIRD and GIRARD*Diadophis regalis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 115.

*Diadophis regalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 744, fig. 155.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Texas, New Mexico and Arizona to state of Vera Cruz, Mexico.

**Heterodon** (GENUS)

LATREILLE, Hist. Nat. Rept., Vol. 4, 1802, p. 32

TYPE: *platirhinos* = *contortrix*

HOG-NOSE SNAKES

**Heterodon browni** STEJNEGER*Heterodon browni* STEJNEGER

Proc. Biol. Soc. Washington, Vol. 16, 1903, p. 123.

TYPE LOCALITY: Lemon City, Florida.

RANGE: Extreme southern Florida.

**Heterodon contortrix** (LINNÉ)<sup>1</sup>

PUFFING ADDER, SPREADING ADDER

*Boa contortrix* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 373.

<sup>1</sup> This snake for years has been called *H. platyrhinus* or *platirhinos* but this name is clearly a synonym. Linné in the tenth edition of the *Systema Naturae* (p. 216) described *Coluber constrictor*. This

*Heterodon platyrhinus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 761, fig. 165.

TYPE LOCALITY: Carolina.

RANGE: Eastern States, Massachusetts to Florida westward to Texas and northward through the states of the Great Basin to Minnesota.

*Heterodon nasicus* BAIRD and GIRARD*Heterodon nasicus* BAIRD and GIRARD

Stansbury's Expl. Surv. Vall. Great Salt Lake, 1852, p. 352.

*Heterodon nasicus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 772, fig. 168.

TYPE LOCALITY: Texas.

RANGE: Southwestern Iowa, Kansas and Nebraska west to Montana and south to Northern Mexico. Common along the Mexican border from Texas to Arizona.

*Heterodon simus* (LINNÉ)*Coluber simus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.

*Heterodon simus* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 57, pl. 15.

*Heterodon simus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 770, fig. 167.

TYPE LOCALITY: Carolina.

RANGE: Southeastern states, Indiana to Florida.

*Liopeltis* (GENUS)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *tricolor**Liopeltis vernalis* (HARLAN)

SMOOTH GREENSNAKE

*Coluber vernalis* HARLAN

Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 361.

was a composite species, part of the wording which Linné intended to use in characterizing the black-snake and the hog-nose snake having been combined under *constrictor*. Thus the scale counts 150-40 refer to the hog-nose, the first words "*Habitat in Canada. Kalm,*" refer to the black. Then we read "*Maxillas apes simus triquetus,*" obviously the hog-nose again. Lastly comes an abbreviated extract of Kalm's account of the black snakes' habits "*Adoritur homines circum pedes sese convolvens, sed innocuus.*" Consequently, *Coluber constrictor* of 1758 being a composite species, Linné, in 1766, exercised his prerogative as first reviser to correct this error. So that in the twelfth edition (p. 385) we find the black snake correctly diagnosed, using much of the same wording as was used in 1758, with the name *constrictor* applied; while on p. 373 we find the hog-nose renamed — *contortrix* — and assigned to the genus *Boa*. The description fits the hog-nose snake accurately, again part of the early diagnosis being repeated and reference is also made to Catesby's plate figuring this species. This, renders the name *contortrix* untenable for the Copperhead.

*Liopeltis vernalis* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 560.

*Liopeltis vernalis* COPE

Ann. Rep. U. S. Nat. Mus., 1898 (1900), p. 782, fig. 169.

TYPE LOCALITY: Pennsylvania and New Jersey are mentioned as habitat.

RANGE: Southern Canada through the Eastern and Middle states South to Florida and Texas, New Mexico.

**Opheodrys** (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *aestivus***Opheodrys aestivus** (LINNÉ)

ROUGH GREENSNAKE

*Coluber aestivus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 387.

*Opheodrys aestivus* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 560.

*Cyclophis aestivus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 784, fig. 170.

TYPE LOCALITY: Carolina.

RANGE: New Jersey to Florida, westward to New Mexico, in the Mississippi drainage basin found in the southern portion and northward to Kansas and Illinois.

**Coluber**<sup>1</sup> (*GENUS*)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 216

TYPE: *constrictor***Coluber anthonyi** (STEJNEGER)*Bascanion anthonyi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 23, June 5, 1901, p. 715.

TYPE LOCALITY: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

RANGE: Clarion Island, Revilla Gigedo group, off west coast of Mexico.

**Coluber aurigulus** (COPE)*Drymobius aurigulus* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 301.

<sup>1</sup> As *Coluber constrictor* Linné of 1758 is composite and includes in part the black snake, Fitzinger's designation of the type of *Coluber* as *C. constrictor* seems to hold, as it is (partly) included in the original *Coluber*.

*Zamenis aurigulus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 810, fig. 179.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

*Coluber constrictor constrictor* (LINNÉ)

## BLACKSNAKE

*Coluber constrictor* (part) <sup>1</sup> LINNÉ

Syst. Nat. Ed. 10, Vol. 1, 1758, p. 216.

*Zamenis constrictor* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 791, fig. 171.

TYPE LOCALITY: "Habitat in America septentrionale."

RANGE: The whole of the Eastern United States westward to Texas and the Great Plains.

*Coluber constrictor flaviventris* <sup>2</sup> (SAY)

## WESTERN OR BLUE RACER

*Coluber flaviventris* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 185.

*Coluber constrictor* var. *flaviventris* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 147.

TYPE LOCALITY: Stone quarry on west side of Missouri River  
3 miles above the mouth of Boyer's River.

RANGE: Central, Southwestern and Pacific Coast states.

*Coluber flagellum flagellum* (SHAW)

## COACH WHIP

*Coluber flagellum* SHAW

Gen. Zool., Vol. 3, 1802, p. 475.

*Zamenis flagellum flagellum* COPE

Ann. Rep. Nat. Mus. 1898 (1900), p. 799, fig. 174.

TYPE LOCALITY: Carolina and Virginia.

RANGE: Virginia to Florida, westward to the Rocky Mountains.

*Coluber flagellum piceus* <sup>3</sup> (COPE)*Bascanium piceum* COPE

Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 625.

*Zamenis flagellum piceus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 804, fig. 175.

<sup>1</sup> For remarks upon the use by Linné of the name *constrictor* see the note under *Heterodon constrictor*.<sup>2</sup> There are many colour phases within this species more or less intermediate between the black eastern form and the light coloured western form. Several of these have been given names but as yet it is not evident that they really constitute true geographic races and hence they are not recognized at present.<sup>3</sup> *Bascanium flagellum frenatus* Stejneger 1893, not *Coluber frenatus* of Gravenhorst, 1807.

TYPE LOCALITY: Camp Grant, Arizona.

RANGE: Southern Arizona.

**Coluber lateralis (HALLOWELL)**

*Leptophis lateralis* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1853, p. 237.

*Zamenis lateralis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 807, fig. 177.

TYPE LOCALITY: California.

RANGE: Southern and Lower California.

**Coluber schotti (BAIRD and GIRARD)**

*Masticophis schotti* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 160.

*Zamenis schotti* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 811, fig. 18a.

TYPE LOCALITY: Eagle Pass, Texas.

RANGE: Southern Texas and northeastern Mexico.

**Coluber semilineatus (COPE)**

*Bascanium semilineatum* COPE

Proc. U. S. Nat. Mus., Vol. 14, March 28, 1892, p. 626.

*Zamenis semilineatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 805, fig. 176.

TYPE LOCALITY: Camp Grant and Colorado River, Arizona.

RANGE: Arizona and the adjacent territory of Mexico.

**Coluber taeniatus taeniatus (HALLOWELL)**

*Leptophis taeniata* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 181.

*Coluber taeniatus* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 46.

*Zamenis taeniatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 815, fig. 182.

TYPE LOCALITY: New Mexico west of Rio Grande.

RANGE: Idaho and Utah, southward to all the border states just entering Texas and California.

**Coluber taeniatus girardi, nom. nov.**

*Masticophis ornatus*<sup>1</sup> BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 102.

*Zamenis ornatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 813, fig. 181.

TYPE LOCALITY: "Between Indianola and El Paso," Texas.

RANGE: Western Texas.

<sup>1</sup> Nec *Coluber ornatus* Shaw, 1802.

**Salvadora** (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 104

TYPE: *grahamiae***Salvadora grahamiae** BAIRD and GIRARD

PATCH-NOSE SNAKE

*Salvadora grahamiae* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 104.

*Salvadora grahamiae* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 818.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Utah southward through all the border states, eastward of Arizona and into Mexico as far south as the state of Hidalgo.

**Salvadora hexalepis** (COPE)*Phimothyra hexalepis* COPE

Proc. Ac. Nat. Sci. Phila., 1866, p. 304.

*Salvadora hexalepis* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 154.

*Salvadora grahamiae* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 818, fig. 183.

TYPE LOCALITY: Fort Whipple, Arizona.

RANGE: Arizona, California and Lower California.

**Phyllorhynchus** (*GENUS*)

STEJNEGER, Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 151

TYPE: *browni***Phyllorhynchus browni** STEJNEGER*Phyllorhynchus browni* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 13, Sept. 9, 1890, p. 152.

*Phyllorhynchus browni* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 821, fig. 184.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Southern Arizona.

**Phyllorhynchus decurtatus** (COPE)*Phimothyra decurtata* COPE

Proc. Ac. Nat. Sci. Phila., 1868, p. 310.

*Phyllorhynchus decurtatus* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 13, 1890, p. 154.

*Phyllorhynchus decurtatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 823, fig. 186.

TYPE LOCALITY: "In the upper part of Lower California."

RANGE: Lower California.



**Elaphe (GENUS)**

FITZINGER in Wagler, Descr. Icon. Amphib., Pt. 3, 1833, text to plate 27

TYPE: *parreysii* = quatuorlineata

**Elaphe bairdi (YARROW)**

*Coluber bairdi* YARROW

Bull. U. S. Nat. Mus., No. 17, 1880, p. 41.

*Coluber bairdii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 854, fig. 198.

TYPE LOCALITY: Fort Davis, 50 miles northwest of Presidio, Texas.

RANGE: Known from type locality only.

**Elaphe chlorosoma (GÜNTHER)**

*Coluber chlorosoma* GÜNTHER

Biol. Centr. Amer., Rept., 1894, p. 115, pl. 41.

TYPE LOCALITY: Atoyak and Amula in Guerrero and San Ramon in Jalisco, Mexico.

RANGE: Guerrero and Jalisco Mexico, northward to the Santa Rita Mountains in Arizona.

**Elaphe guttata (LINNÉ)**

CORN-SNAKE

*Coluber guttatus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.

*Elaphis guttatus* DUMÉRIL and BIBRON

Erp. Gén., Vol. 7, 1854, p. 273.

*Coluber guttatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 833, figs. 189, 190.

TYPE LOCALITY: Carolina.

RANGE: Maryland to Florida, Louisiana and Mississippi.

**Elaphe laeta (BAIRD and GIRARD)**

*Scotophis laetus* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 77.

*Coluber laetus* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 606.

*Coluber laetus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 850, fig. 196.

*Coluber emoryi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 852, fig. 197.

TYPE LOCALITY: Red River, Arkansas.

RANGE: Kansas southward to Central Mexico.

**Elaphe obsoleta obsoleta (SAY)****PILOT BLACKSNAKE***Coluber obsoletus* SAY

Long's Exp. Rocky Mts., Vol. 1, 1823, p. 140.

*Elaphis obsoletus* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 54.

*Coluber obsoletus obsoletus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 844, fig. 194.

**TYPE LOCALITY:** Isle au Vache [sic] to Council Bluffs on the Missouri River.**RANGE:** Southern New England westward to Michigan, southward to Texas, Louisiana and Florida.**Elaphe obsoleta confinis (BAIRD and GIRARD)***Scotophis confinis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 76.

*Coluber confinis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 829, fig. 187.

**TYPE LOCALITY:** Anderson, South Carolina.**RANGE:** South Atlantic and Gulf states and states of southern Mississippi Valley.**Elaphe obsoleta lindheimerii (BAIRD and GIRARD)***Scotophis lindheimerii* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 74.

*Elaphis obsoletus* var. *lindheimerii* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 54.

*Coluber obsoletus* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 844.

**TYPE LOCALITY:** New Braunfels, Texas.**RANGE:** Texas.**Elaphe quadrivittata (HOLBROOK)****CHICKEN-SNAKE***Coluber quadrivittatus* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 113, pl. 21.

*Elaphis quadrivittatus* DUMÉNIL and BIBRON

Erp. Gén., Vol. 7, 1854, p. 265.

*Coluber quadrivittatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 838, fig. 192.

**TYPE LOCALITY:** "North Carolina to Florida and westward as far as the Mississippi."**RANGE:** Carolina to Florida and west to the Mississippi River.

**Elaphe rosaliae** (MOCQUARD)*Coluber rosaliae* MOCQUARD

Nouv. Arch. Mus. Hist. Nat. Paris, Ser. 4, Vol. 1, p. 321, pl. 12, figs. 1-1B.

TYPE LOCALITY: Sta. Rosalia, Lower California.

RANGE: Sta. Rosalia, Lower California.

**Elaphe subocularis** (BROWN)*Coluber subocularis* BROWN

Proc. Ac. Nat. Sci. Phila., 1901, p. 492, pl. 29.

TYPE LOCALITY: Davis Mountains, Jeff Davis Co., 50 miles south of Pecos, Texas.

RANGE: Davis Mountains, Texas.

**Elaphe vulpina** (BAIRD and GIRARD)

FOX-SNAKE

*Scotophis vulpinus* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 75.

*Elaphe vulpinus* RUTHVEN

Eleventh Ann. Rep. Michigan Ac. Sci., 1909, p. 110.

*Coluber vulpinus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 831, fig. 188.

TYPE LOCALITY: Racine, Wisconsin.

RANGE: Indiana, Iowa, and Illinois, to Michigan and Minnesota.

**Drymobius** (GENUS)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *margaritiferus***Drymobius margaritiferus** (SCHLEGEL)*Herpetodryas margaritiferus* SCHLEGEL

Essai Physion. Serp., Vol. 2, 1837, p. 184.

*Drymobius margaritiferus* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 561.

TYPE LOCALITY: New Orleans (in errore).

RANGE: Southwestern Texas to Venezuela and Colombia.

**Drymarchon** (GENUS)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *corais***Drymarchon corais couperi** (HOLBROOK)

GOPHER-SNAKE, INDIGO-SNAKE

*Coluber couperi* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 3, 1842, p. 75, pl. 16.

*Drymarchon corais couperi* STRECKER

Baylor Bulletin, Vol. 18, No. 4, Aug., 1915, p. 32.

*Composoma corais couperii* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 858, figs. 199, 200.

TYPE LOCALITY: Dry pine hills south of Alatomaha, Georgia.

RANGE: Carolinas to Florida, westward to Texas.

*Drymarchon corais melanurus* (DUMÉRIL and BIBRON)*Spilotes melanurus* DUMÉRIL and BIBRON

Erp. Gén., Vol. 7, 1854, p. 224.

*Drymarchon corais melanurus* STEJNEGER

N. Amer. Fauna, No. 14, 1899, p. 70.

TYPE LOCALITY: Mexico.

RANGE: Extreme southeastern Texas to northwestern South America.

*Arizona* (GENUS)

KENNICOTT, U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 18

TYPE: *elegans**Arizona elegans* KENNICOTT*Arizona elegans* KENNICOTT

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 18, pl. 13.

*Rhinechis elegans* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 863, fig. 201.

TYPE LOCALITY: Rio Grande, Texas, and between Arkansas and Cimarron, Oklahoma.

RANGE: Border states of United States and northern states of Mexico.

*Pituophis* (GENUS)

HOLBROOK, N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7

TYPE: *melanoleucus**Pituophis catenifer catenifer* (BLAINVILLE)

WESTERN BULL-SNAKE

*Coluber catenifer* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 290, pl. 26, figs. 2-2B.

*Pituophis catenifer* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 69.

*Pityophis catenifer* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 876, fig. 208.

TYPE LOCALITY: California.

RANGE: California to British Columbia.

**Pituophis catenifer deserticola** STEJNEGER*Pituophis catenifer deserticola* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 206.

**TYPE LOCALITY:** Great basin and southwestern deserts.**RANGE:** Desert regions of southern California, Nevada, and perhaps also southern Idaho and eastern Oregon.**Pituophis melanoleucus** (DAUDIN)**PINE SNAKE***Coluber melanoleucus* DAUDIN

Hist. Nat. Rept., Vol. 6, 1803, p. 409.

*Pituophis melanoleucus* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 7, pl. 1.

*Pityophis melanoleucus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 867, fig. 203.

**TYPE LOCALITY:** South Carolina and Florida.**RANGE:** Pine barrens of southern New Jersey to Florida.**Pituophis sayi** (SCHLEGEL)**BULL-SNAKE***Coluber sayi* SCHLEGEL

Essai Physion. Serp., Vol. 2, 1837, p. 157.

*Pityophis sayi sayi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 870, fig. 204.

**TYPE LOCALITY:** Missouri.**RANGE:** Texas to Minnesota.**Pituophis vertebralis** (BLAINVILLE)*Coluber vertebralis* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 293, pl. 27, figs. 2-2B.

*Pituophis vertebralis* DUMÉRIL and BIBRON

Erp. Gén., Vol. 7, 1854, p. 238.

*Pityophis vertebralis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 879, fig. 209.

**TYPE LOCALITY:** California, a term which formerly included Lower California.**RANGE:** Lower California.**Leimadophis** (GENUS)

FITZINGER, Syst. Rept., 1843, p. 26

**TYPE:** *almadensis* = *reginae***Leimadophis flavilatus** (COPE)*Dromicus flavilatus* COPE

Proc. Ac. Nat. Sci. Phila., 1871, p. 222.

*Rhadinaea flavilata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 759, fig. 164.

TYPE LOCALITY: Fort Macon, North Carolina.

RANGE: The Carolinas to Florida.

*Lampropeltis* (GENUS)

FITZINGER, Syst. Rept., 1843, p. 25

TYPE: *getulus* Schlegel, nec Linné = *holbrookii**Lampropeltis alterna* (BROWN)*Ophibolus alternus* BROWN

Proc. Ac. Nat. Sci. Phila. 1901 (Feb. 6, 1902), p. 612.

TYPE LOCALITY: Davis Mountains, Jeff Davis Co., Texas.

RANGE: Davis Mountains, Texas.

*Lampropeltis boylii boylii* (BAIRD and GIRARD)*Ophibolus boylii* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 82.

*Lampropeltis boylii* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 255.

*Ophibolus getulus boylii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 919, fig. 230.

TYPE LOCALITY: El Dorado County, California.

RANGE: Arizona, western Nevada, California.

*Lampropeltis boylii conjuncta* COPE*Lampropeltis boylii* var. *conjuncta* COPE

Proc. Ac. Nat. Sci., 1861, p. 301.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southwestern Arizona and Lower California.

*Lampropeltis californiae* (BLAINVILLE)*Coluber* (*Ophis*) *californiae* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 292, pl. 27, figs. 1-1B.

*Lampropeltis californiae* VAN DENBURGH

Occ. Papers California Ac. Sci., No. 5, 1897, p. 172.

*Ophibolus getulus californiae* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 922, fig. 231.

TYPE LOCALITY: California.

RANGE: Southern California.

*Lampropeltis calligaster* (SAY)*Coluber calligaster* SAY

Journ. Ac. Nat. Sci. Phila., Vol. 5, 1827, p. 359.

*Lampropeltis calligaster* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 255.

*Ophibolus calligaster* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 905, fig. 223.

TYPE LOCALITY: Missouri.

RANGE: Illinois and Wisconsin to Texas.

*Lampropeltis elapsoides* (HOLBROOK)*Coluber elapsoides* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 2, 1838, p. 123, pl. 28.

*Osceola elapsoides* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 900, fig. 221.

TYPE LOCALITY: South Carolina and Georgia.

RANGE: Southeastern states to Florida and Louisiana.

*Lampropeltis getulus*<sup>1</sup> (LINNÉ)

KING-SNAKE, CHAIN-SNAKE

*Coluber getulus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 382.

*Lampropeltis getula* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 255.

*Ophibolus getulus getulus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 914, figs. 227, 228.

TYPE LOCALITY: Carolina.

RANGE: Southern New England to Florida.

*Lampropeltis holbrooki* STEJNEGER*Lampropeltis holbrooki* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 152.

*Ophibolus getulus sayi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 911, fig. 226.

TYPE LOCALITY: Valley of the Mississippi.

RANGE: Louisiana to Texas, northward through the states of the Mississippi basin to Illinois and Indiana.

*Lampropeltis nitida* VAN DENBURGH*Lampropeltis nitida* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 143, pl. 14.

TYPE LOCALITY: San José del Cabo, Lower California.

RANGE: Southern Lower California.

*Lampropeltis pyromelaena pyromelaena* (COPE)*Ophibolus pyromelanus* COPE

Proc. Ac. Nat. Sci. Phila., 1866, p. 305.

<sup>1</sup> The various forms closely allied to *getulus* are all treated binominally since they are as yet very imperfectly known.

***Lampropeltis pyrrhomelaena* STEJNEGER**

Proc. U. S. Nat. Mus., Vol. 25, 1902, p. 152.

***Ophibolus pyrrhomelas* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 907, fig. 224.

TYPE LOCALITY: Fort Whipple, Arizona.

RANGE: Southern Arizona.

***Lampropeltis pyromelaena celanops* STEJNEGER*****Lampropeltis pyrrhomelaena celanops* STEJNEGER**

Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 153.

TYPE LOCALITY: Mesilla Valley, New Mexico.

RANGE: New Mexico and Eastern Arizona.

***Lampropeltis pyromelaena multicincta* (YARROW)*****Ophibolus getulus multicinctus* YARROW**

Proc. U. S. Nat. Mus., Vol. 5, 1882, p. 440.

***Lampropeltis pyrrhomelaena multicincta* STEJNEGER**

Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 153.

TYPE LOCALITY: Fresno, California.

RANGE: California.

***Lampropeltis rhombomaculata* (HOLBROOK)*****Coluber rhombomaculatus* HOLBROOK**

N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 103, pl. 20.

***Lampropeltis rhombomaculata* COPE**

Proc. Ac. Nat. Sci. Phila., 1860, p. 255.

***Ophibolus rhombomaculatus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 903, fig. 222.

TYPE LOCALITY: Georgia and Alabama.

RANGE: Maryland to Georgia and Alabama.

***Lampropeltis splendida* (BAIRD and GIRARD)*****Ophibolus splendidus* BAIRD and GIRARD**

Cat. N. Amer. Rept., Pt. 1, 1853, p. 83.

***Lampropeltis splendida* COPE**

Proc. Nat. Sci. Phila., 1860, p. 255.

***Ophibolus getulus splendidus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 918, fig. 229.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Northern Mexico and the Boundary region.

***Lampropeltis triangulum triangulum* (LACÉPÈDE)**

MILK-SNAKE

***Coluber triangulum* LACÉPÈDE**

Hist. Nat. Quadr. Ovip. Serp., Vol. 2, 1788, tabl. méth., p. 86.



*Lampropeltis triangula* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 256.

*Osceola doliata triangula* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 885, figs. 210-215.

TYPE LOCALITY: America.

RANGE: Eastern North America from Massachusetts to Iowa, south to Virginia and in the mountains further south.

*Lampropeltis triangulum amaura* (COPE)*Lampropeltis amaura* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 258.

*Osceola doliata coccinea* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 896, figs. 220, 216, (not of Schlegel).

TYPE LOCALITY: "Unknown" (original entry of type U.S. Nat. Mus. No. 5282 reads "? Mississippi").

RANGE: Eastern United States, west to Texas, south to the Gulf.

*Lampropeltis triangulum gentilis* (BAIRD and GIRARD)*Ophibolus gentilis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 90.

*Osceola doliata gentilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 894, figs. 218, 219.

TYPE LOCALITY: North Fork, Red River, near Sweetwater Creek, Wheeler Co., Texas.

RANGE: Texas and northwestern Mexico.

*Stylophis*<sup>1</sup> (GENUS)

BERG, Comun. Mus. Nac. Buenos Aires, Vol. 1, 1901, p. 290

TYPE: *extenuatus**Stylophis extenuatus* (BROWN)*Stilosoma extenuatum* BROWN

Proc. Ac. Nat. Sci. Phila., 1890, p. 199.

*Stilosoma extenuatum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 924, fig. 232.

TYPE LOCALITY: Lake Kerr, Marion County, Florida.

RANGE: North central Florida.

<sup>1</sup> *Nom. nov. for Stilosoma* Brown, preoccupied.

**Contia** (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 110

TYPE: *mitis* = *tenuis***Contia tenuis** (BAIRD and GIRARD)*Calamaria tenuis* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.

*Contia mitis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 925, fig. 233.

*Lodia tenuis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 927, fig. 234.

TYPE LOCALITY: Puget Sound, Washington.

RANGE: Southern California to Puget Sound.

**Cemophora** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 244

TYPE: *coccinea***Cemophora coccinea** (BLUMENBACH)*Coluber coccineus* BLUMENBACH

Voigt's Mag. Neu. Phys. Naturg., Vol. 5, Pt. 1, 1788, p. 11, pl. 1.

*Cemophora coccinea* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 244.

*Cemophora coccinea* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 928, fig. 235.

TYPE LOCALITY: Florida.

RANGE: Maryland to Alabama, Louisiana and Florida.

**Rhinocheilus** (*GENUS*)

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 120

TYPE: *lecontei***Rhinocheilus lecontei** BAIRD and GIRARD*Rhinocheilus lecontei* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, p. 120.

*Rhinocheilus lecontei* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 931, fig. 236.

TYPE LOCALITY: San Diego, California.

RANGE: Southern California to Texas, northern Mexico.

**Sonora (GENUS)**

BAIRD and GIRARD, Cat. N. Amer. Rept. Pt. 1, 1853, p. 117

TYPE: *semiannulata***Sonora episcopa (KENNICOTT)***Lamprosoma episcopum* KENNICOTT

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept. p. 22, pl. 8, fig. 2.

*Sonora episcopa* VAN DENBURGH

Proc. California Ac. Sci., Ser. 4, Vol. 3, 1913, p. 411.

*Chionactis episcopus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 937, fig. 238.

TYPE LOCALITY: Eagle Pass, and between San Antonio and the Rio Grande, Texas.

RANGE: Texas to southeastern California and the adjacent regions of Mexico.

**Sonora occipitalis (HALLOWELL)***Rhinostoma occipitale* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.

*Sonora occipitalis* VAN DENBURGH

Proc. California Ac. Sci., Ser. 4, Vol. 3, 1913, p. 411.

*Chionactis occipitalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 941, fig. 240.

TYPE LOCALITY: Mojave Desert.

RANGE: Southeastern California, Arizona, Colorado

**Sonora semiannulata BAIRD and GIRARD***Sonora semiannulata* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 117.

*Chionactis episcopus isozonus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 939, fig. 239.

TYPE LOCALITY: Sonora, Mexico.

RANGE: Utah to Nevada, Arizona, southern Kansas and Texas.

**Sonora taylori (BOULENGER)***Contia taylori* BOULENGER

Cat. Snakes Brit. Mus., Vol. 2, 1894, p. 265, pl. 12, fig. 3.

*Chionactis taylorii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 936.

TYPE LOCALITY: Duval County, Texas, and Nuevo Leon, Mexico.

RANGE: Southern Texas and northeastern Mexico.

**Ficimia** (*GENUS*)

GRAY, Cat. Snakes Brit. Mus., 1849, p. 80

TYPE: *olivacea***Ficimia cana** (COPE)*Gyalopion canum* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 243.

*Ficimia cana* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 83.

*Gyalopium canum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 947, fig. 241.

TYPE LOCALITY: Fort Buchanan, Arizona.

RANGE: Western Texas to Arizona.

**Hypsiglena** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 246

TYPE: *ochrorhynchus***Hypsiglena ochrorhynchus ochrorhynchus** (COPE)*Hypsiglena ochrorhynchus* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 246.

*Hypsiglena ochrorhyncha* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 953, fig. 245.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern and Lower California, southern Arizona, northwestern Mexico.

**Hypsiglena ochrorhynchus texana** (STEJNEGER)*Hypsiglena texana* STEJNEGER

N. Amer. Fauna, No. 7, 1893, p. 205.

TYPE LOCALITY: Between Laredo and Camargo, Texas.

RANGE: Southwestern Texas.

**Chilomeniscus** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 339

TYPE: *stramineus***Chilomeniscus ephippicus** COPE*Chilomeniscus ephippicus* COPE

Proc. Ac. Nat. Sci. Phila., 1867, p. 85.

*Chilomeniscus ephippicus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 950, fig. 243.

TYPE LOCALITY: Owens Valley, California.

RANGE: Southern Arizona and California.

**Chilomeniscus fasciatus COPE***Chilomeniscus stramineus fasciatus* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 595.

*Chilomeniscus fasciatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 951, fig. 244.

TYPE LOCALITY: La Paz, Lower California.

RANGE: Lower California.

**Chilomeniscus stramineus COPE***Chilomeniscus stramineus* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 339.

*Chilomeniscus stramineus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 949, fig. 242.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Lower California.

**Natrix (GENUS)**

LAURENTI, Syn. Rept., 1768, p. 73

TYPE: *vulgaris* = *natrix***Natrix clarkii (BAIRD and GIRARD)***Regina clarkii* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 48.

*Natrix clarkii* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 669.

*Natrix clarkii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 987, fig. 261.

TYPE LOCALITY: Indianola, Texas.

RANGE: Coastal regions of northwest Florida to Texas.

**Natrix compressicauda (KENNICOTT)**

SALT-WATER MOCCASIN

*Nerodia compressicauda* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 335.

*Natrix compressicauda* COPE

Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.

*Natrix compressicauda* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 978, fig. 255.

TYPE LOCALITY: Tampa Bay, Florida.

RANGE: Southwestern Florida, especially the mangrove swamps of the extreme southern coast and the Keys.

**Natrix cyclopion (DUMÉRIL and BIBRON)***Tropidonotus cyclopion* DUMÉRIL and BIBRON

Erp. Gén., Vol. 7, 1854, p. 576.

*Natrix cyclopium* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 673.

*Natrix cyclopium* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 961, figs. 247, 248.

TYPE LOCALITY: New Orleans.

RANGE: Florida to Louisiana and northward up the Mississippi Valley to Southern Illinois.

*Natrix grahamii* (BAIRD and GIRARD)*Regina grahamii* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 47.

*Natrix grahamii* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.

*Natrix grahamii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 991, fig. 264.

TYPE LOCALITY: Rio Salado, Texas.

RANGE: Illinois southward to Louisiana and Texas.

*Natrix kirtlandii* (KENNICOTT)*Regina kirtlandii* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1856, p. 95.

*Natrix kirtlandii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 995, fig. 266.

TYPE LOCALITY: Northern Illinois.

RANGE: Michigan, Wisconsin, Illinois, Indiana, and Ohio.

*Natrix rhombifera* (HALLOWELL)*Tropidonotus rhombifer* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.

*Natrix rhombifera* COPE

Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 398.

*Natrix rhombifera* COPE

Rep. U. S. Nat. Mus. 1898 (1900), p. 963, fig. 249.

TYPE LOCALITY: Arkansas River and its tributaries near the northern boundary of the Creek Nation.

RANGE: Southern Illinois and Indiana south to Texas and Louisiana.

*Natrix rigida* (SAY)*Coluber rigidus* SAY

Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 239.

*Natrix rigida* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 668.

*Natrix rigida* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 989, fig. 262.

TYPE LOCALITY: The Southern States.

RANGE: The Carolinas to Florida.

**Natrix septemvittata** (SAY)

MOON-SNAKE, QUEEN-SNAKE

*Coluber septemvittatus* SAY

Journ. Ac. Nat. Sci. Phila., Vol. 4, Pt. 2, 1825, p. 240.

*Natrix septemvittata* COPE

Trans. Amer. Philos. Soc., Vol. 18, 1895, p. 216.

*Natrix leberis*<sup>1</sup> COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 993, fig. 265.

TYPE LOCALITY: Pennsylvania.

RANGE: Central, Eastern and Gulf States from Pennsylvania, Ohio and Wisconsin southward.

**Natrix sipedon sipedon** (LINNÉ)

WATER SNAKE

*Coluber sipedon* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 219.

*Natrix sipedon* KIRSCH

Bull. U. S. Fish Comm., Vol. 14, 1895, p. 333.

*Natrix fasciata sipedon* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 969, fig. 251.

TYPE LOCALITY: North America.

RANGE: Northern and northeastern United States.

**Natrix sipedon fasciata**<sup>2</sup> (LINNÉ)*Coluber fasciatus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 378.

*Natrix fasciata fasciata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 966, fig. 250.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida, westward to Louisiana and northward up the Mississippi through all the central states to Nebraska and Indiana.

**Natrix sipedon pictiventris** COPE*Natrix fasciata pictiventris* COPE

Amer. Nat., Vol. 29, 1895, p. 677.

*Natrix fasciata pictiventris* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 969.

TYPE LOCALITY: Palatka, Florida.

RANGE: Peninsula of Florida.

<sup>1</sup> Not *Coluber leberis* of Linné.<sup>2</sup> Apparent forms which are more or less uniformly rufescent are found in the ranges of both the subspecies *fasciata* and *sipedon*. To these the names of *Natrix sipedon erythrogaster* Forster (in Bossu, Travels through North America, Vol. 1, 1771, p. 364, footnote) and *Natrix sipedon fulviventer* Rafinesque (Ann. Nat., 1820, No. 1, p. 6) have been given.

**Natrix sipedon transversa** (HALLOWELL)*Tropidonotus transversus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.

*Natrix sipedon transversa* HURTER

Herp. Missouri, 1911, p. 157.

*Natrix fasciata transversa* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 973, fig. 252.

TYPE LOCALITY: Creek boundary, found near the banks of the Arkansas and its tributaries.

RANGE: Texas, Oklahoma, Arkansas.

**Natrix taxispilota** (HOLBROOK)

WATER-PILOT

*Tropidonotus taxispilotus* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 35, pl. 8.

*Natrix taxispilota* COPE

Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 392.

*Natrix taxispilota* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 959, fig. 246.

TYPE LOCALITY: South Carolina seaboard and the Altamaha River, Georgia.

RANGE: The Carolinas to Florida, west to Louisiana.

**Natrix valida** (KENNICOTT)*Regina valida* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 334.

*Natrix valida* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 670.

*Natrix valida* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 984, figs. 258, 259.

TYPE LOCALITY: Durango, Mexico.

RANGE: Western Mexico, Lower California.

**Seminatrix** (GENUS)

COPE, Amer. Nat., Vol. 29, 1895, p. 678

TYPE: *pygaea***Seminatrix pygaea** (COPE)*Contia pygaea* COPE

Proc. Ac. Nat. Sci. Phila., 1871, p. 223.

*Seminatrix pygaea* COPE

Amer. Nat., Vol. 29, 1895, p. 678.

*Seminatrix pygaea* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 998, fig. 267.

TYPE LOCALITY: Volusia, Florida.

RANGE: Florida peninsula.



**Storeria (GENUS)**

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 135

TYPE: *dekayi*

**Storeria dekayi (HOLBROOK)****DEKAY'S SNAKE**

*Tropidonotus dekayi* HOLBROOK

N. Amer. Herp., Ed. 2, Vol. 4, 1842, p. 53, pl. 14.

*Storeria dekayi* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 135.

*Storeria dekayi* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1000, fig. 268.

TYPE LOCALITY: Massachusetts and New York.

RANGE: Eastern North America, Ontario to Vera Cruz, west to Kansas.

**Storeria occipito-maculata (STORER)****RED-BELLIED SNAKE**

*Coluber occipito-maculatus* STORER

Rep. Fish. Rept. Birds Massachusetts, 1839, p. 230.

*Storeria occipito-maculata* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 137.

*Storeria occipitomaculata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1003, fig. 269.

TYPE LOCALITY: Amherst, Mass.

RANGE: Ontario to Vera Cruz, westward to Kansas.

**Storeria victa HAY**

*Storeria victa* HAY

Science (N. S.), Vol. 19, April 8, 1892, p. 199.

TYPE LOCALITY: Oklawaha River, some distance north of Kissimmee, Florida.

RANGE: Florida.

**Virginia (GENUS)**

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 127

TYPE: *valeriae*

**Virginia elegans KENNICOTT**

*Virginia elegans* KENNICOTT

Proc. Ac. Nat. Sci. Phila, 1859, p. 99.

*Virginia elegans* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1007, fig. 271.

TYPE LOCALITY: Heavily timbered regions of southern Illinois.

RANGE: Illinois, Indiana and Missouri southward to Texas.

**Virginia valeriae** BAIRD and GIRARD*Virginia valeriae* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 127.

*Virginia valeriae* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1006, fig. 270.

TYPE LOCALITY: Kent County, Maryland.

RANGE: New Jersey to South Carolina, west to Tennessee.

**Amphiardis** (GENUS)

COPE, Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 391

TYPE: *inornata***Amphiardis inornatus** (GARMAN)*Virginia inornata* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 97.

*Amphiardis inornatus* COPE

Proc. U. S. Nat. Mus., Vol. 14, 1892, p. 675.

*Amphiardis inornatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1009.

TYPE LOCALITY: Dallas, Texas.

RANGE: Texas.

**Potamophis** (GENUS)

FITZINGER, Syst. Rept., 1843, p. 25

TYPE: *striatulus***Potamophis striatulus** (LINNÉ)*Coluber striatulus* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 375.

*Potamophis striatulus* GARMAN

Bull. Essex Inst., Vol. 24, 1892, p. 105.

*Haldea striatula* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1009, fig. 272.

TYPE LOCALITY: Carolina.

RANGE: Virginia and Minnesota southward to the Gulf States.

**Tropidoclonion** (GENUS)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 76

TYPE: *lineatum***Tropidoclonion lineatum** (HALLOWELL)*Microps lineatus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., 1856, p. 241.

*Tropidoclonion lineatum* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 76.

*Tropidoclonium lineatum* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1011, fig. 273.

TYPE LOCALITY: Kansas.

RANGE: Ohio to Iowa and southeastern South Dakota and through Missouri, Kansas and Arkansas to Oklahoma and Texas.

*Liodytes* (GENUS)

COPE, Proc. Amer. Philos. Soc., Vol. 22, 1885, p. 194

TYPE: *alleni**Liodytes alleni* (GARMAN)*Helicops alleni* GARMAN

Proc. Boston Soc. Nat. Hist., Vol. 17, 1874, p. 92.

*Liodytes alleni* COPE

Proc. U. S. Nat. Mus., Vol. 11, 1888, p. 393.

*Liodytes allenii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1013, fig. 274.

TYPE LOCALITY: Jacksonville, Florida.

RANGE: Florida.

*Thamnophis* (GENUS)

FITZINGER, Syst. Rept., 1843, p. 26

TYPE: *sauritus*

THE GARTER-SNAKES

*Thamnophis angustirostris* (KENNICOTT)*Eutaenia angustirostris* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 332.

*Thamnophis angustirostris* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 120.

*Eutaenia angustirostris* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1047, fig. 290.

TYPE LOCALITY: Parras, Coahuila, Mexico.

RANGE: Southeastern Arizona and southwestern New Mexico, south to Coahuila and Durango.

*Thamnophis butleri* (COPE)*Eutaenia butleri* COPE

Proc. U. S. Nat. Mus., Vol. 11, 1889, p. 399.

*Thamnophis butleri* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 17, 1895, p. 593.

*Eutaenia butlerii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1031, fig. 281.

TYPE LOCALITY: Richmond, Indiana.

RANGE: Western Pennsylvania, through Ohio and Indiana, southern Michigan.

**Thamnophis eques (REUSS)***Coluber eques* REUSS

Mus. Senckenberg. Abh., Vol. 1, 1834, p. 152, pl. 8, fig. 2.

*Thamnophis eques* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 158.

*Eutaenia eques* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1049, figs. 291-293.

TYPE LOCALITY: Mexico.

RANGE: Arizona and New Mexico southward to Guatemala.

**Thamnophis hammondi (KENNICOTT)***Eutaenia hammondi* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 322.

*Thamnophis hammondi* STEJNEGER

N. Amer. Fauna, No. 7, 1893, p. 212.

*Eutaenia elegans couchii* (part) COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1042, fig. 288.

TYPE LOCALITY: San Diego and Fort Tejon, California.

RANGE: Southern California and northern Lower California.

**Thamnophis marcianus (BAIRD and GIRARD)***Eutaenia marciana* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 36.

*Thamnophis marcianus* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 58.

*Eutaenia elegans marciana* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1044, fig. 289.

TYPE LOCALITY: "Red River, Arkansas" (Oklahoma).

RANGE: Oklahoma and Texas west to southeastern California, northeastern Mexico.

**Thamnophis megalops (KENNICOTT)***Eutaenia megalops* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 330.

*Thamnophis megalops* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 44.

*Eutaenia megalops* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1025, fig. 278.

TYPE LOCALITY: Tucson and Sta. Magdalena, Arizona.

RANGE: The whole Mexican plateau region north to Arizona and southwestern New Mexico.

**Thamnophis ordinoides ordinoides (BAIRD and GIRARD)***Tropidonotus ordinoides* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 176.

***Thamnophis ordinoides* RUTHVEN**

Bull. U. S. Nat. Mus., No. 61, 1908, p. 147.

***Eutaenia elegans ordinoides* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1046.

TYPE LOCALITY: Puget Sound.

RANGE: Coastal region of California, Oregon and Washington.

***Thamnophis ordinoides elegans* (BAIRD and GIRARD)*****Eutainia elegans* BAIRD and GIRARD**

Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.

***Thamnophis ordinoides elegans* RUTHVEN**

Bull. U. S. Nat. Mus., No. 61, 1908, p. 138.

***Eutaenia elegans elegans* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1036, fig. 284.

TYPE LOCALITY: El Dorado County, California.

RANGE: New Mexico northward to Wyoming westward to the Pacific coast states.

***Thamnophis proximus* (SAY)*****Coluber proximus* SAY**

Long's Exp. Rocky Mts., Vol. 1, 1823, p. 187.

***Thamnophis proxima* GARMAN**

Bull. Essex Inst., Vol. 24, 1892, p. 105.

***Thamnophis sauritus proximus* RUTHVEN**

Bull. U. S. Nat. Mus., No. 61, 1908, p. 98.

***Eutaenia proxima* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1022, fig. 277.

TYPE LOCALITY: Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.

RANGE: Nebraska, northern Iowa and southern Wisconsin south to Louisiana and Texas and through Mexico to the coastal region of Yucatan and British Honduras.

***Thamnophis radix* (BAIRD and GIRARD)*****Eutainia radix* BAIRD and GIRARD**

Cat. N. Amer. Rept., Pt. 1, 1853, p. 34.

***Thamnophis radix* JORDAN**

Man. Vertebr. Anim. North. U. S., 8 Ed., 1899, p. 193.

***Eutaenia radix* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1026, fig. 279.

TYPE LOCALITY: Racine, Wisconsin.

RANGE: The Great Plains from Kansas and Missouri to the Canadian Northwest.

***Thamnophis sackerii* (KENNICOTT)*****Eutaenia sackerii* KENNICOTT**

Proc. Ac. Nat. Sci. Phila., 1859, p. 98.

*Thamnophis sauritus sackeni* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 107.

*Eutaenia sackenii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1019, fig. 275.

TYPE LOCALITY: Florida.

RANGE: The entire state of Florida, and southern Mississippi.

**Thamnophis sauritus (LINNÉ)**

## RIBBON SNAKE

*Coluber saurita* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 385.

*Thamnophis saurita* STEJNEGER

N. Amer. Fauna, No. 7, 1893, p. 210.

*Eutaenia saurita* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1020, fig. 276.

TYPE LOCALITY: Carolina.

RANGE: Michigan, Ontario and Maine, south to Mississippi, Alabama and Georgia.

**Thamnophis sirtalis sirtalis (LINNÉ)***Coluber sirtalis* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 222.

*Thamnophis sirtalis* GARMAN

Bull. Essex Inst., Vol. 24, 1892, p. 104.

*Eutaenia sirtalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1064, figs. 298-303.

TYPE LOCALITY: Canada.

RANGE: Eastern United States and Canada north to about the 50th degree of latitude west to Minnesota, Wisconsin and Missouri.

**Thamnophis sirtalis concinnus (HALLOWELL)***Tropidonotus concinnus* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 182.

*Thamnophis sirtalis concinnus* RUTHVEN

Bull. U. S. Nat. Mus., No. 61, 1908, p. 173.

*Eutaenia sirtalis concinna* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1081, fig. 306.

TYPE LOCALITY: Oregon.

RANGE: Coast region of southwestern British Columbia, Vancouver Island, Washington and Oregon, west of the Sierra Nevada.

**Thamnophis sirtalis parietalis (SAY)***Coluber parietalis* SAY

Long's Exp. Rocky Mts., Vol. 1, 1823, p. 186.

*Thamnophis sirtalis* var. *parietalis* JORDAN

Man. Vertebr. Anim. North. U. S., 8 Ed., 1899, p. 193

*Eutaenia sirtalis parietalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1077, fig. 304.

**TYPE LOCALITY:** Stone quarry on west side of Missouri River, 3 miles above the mouth of Boyer's River.

**RANGE:** Missouri to the coast of California, northward in Oregon and Washington only east of the Sierra Nevada, Manitoba.

**Coniophanes** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1860, p. 248

**TYPE:** *fissidens*

**Coniophanes imperialis** (BAIRD)*Taeniophis imperialis* BAIRD

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 23, pl. 19, fig. 1.

*Coniophanes imperialis* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 74.

*Coniophanes imperialis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1097, fig. 313.

**TYPE LOCALITY:** Brownsville, Texas.

**RANGE:** Southeastern Texas to Vera Cruz.

**Leptodeira** (*GENUS*)

FITZINGER, Syst. Rept., 1843, p. 27

**TYPE:** *annulata*

**Leptodeira septentrionalis** (KENNICOTT)*Dipsas septentrionalis* KENNICOTT

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 16, pl. 8, fig. 1.

*Leptodeira septentrionalis* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 14, 1891, p. 505.

*Sibon septentrionalis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1107, fig. 316.

**TYPE LOCALITY:** Matamoros, Mexico and Brownsville, Texas.

**RANGE:** Southern Texas and northeastern Mexico.

**Trimorphodon** (*GENUS*)

COPE, Proc. Ac. Nat. Sci. Phila., 1861, p. 297

**TYPE:** *lyrophanes*

**Trimorphodon lyrophanes** (COPE)*Lycodon lyrophanes* COPE

Proc. Ac. Nat. Sci. Phila., 1860, p. 343.

*Trimorphodon lyrophanes* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 297.

*Trimorphodon lyrophanes* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1102, fig. 314.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Southern Arizona and Lower California.

**Tantilla (GENUS)**

BAIRD and GIRARD, Cat. N. Amer. Rept., Pt. 1, 1853, p. 131

TYPE: *coronata***Tantilla coronata** BAIRD and GIRARD*Tantilla coronata* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 131.

*Tantilla coronata* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1114, fig. 320.

TYPE LOCALITY: Kemper County, Mississippi.

RANGE: Southeastern United States.

**Tantilla eiseni** STEJNEGER*Tantilla eiseni* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 18, April 16, 1896, p. 117.

TYPE LOCALITY: Fresno, California.

RANGE: Southern California.

**Tantilla gracilis** BAIRD and GIRARD*Tantilla gracilis* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 132.

*Tantilla gracilis* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1111, fig. 318.

TYPE LOCALITY: Indianola, Texas.

RANGE: Missouri to Texas.

**Tantilla planiceps** (BLAINVILLE)*Coluber planiceps* BLAINVILLE

Nouv. Ann. Mus. Hist. Nat. Paris, Vol. 4, 1835, p. 294, pl. 27, figs. 3-3B.

*Tantilla planiceps* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1113.

*Tantilla nigriceps* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1113, fig. 319.

TYPE LOCALITY: California.

RANGE: Kansas to Texas and westward to California, and Lower California.



**Tantilla wilcoxi** STEJNEGER*Tantilla wilcoxi* STEJNEGER

Proc. U. S. Nat. Mus., Vol. 25, Sept. 8, 1902, p. 156.

TYPE LOCALITY: Fort Huachuca, Arizona.

RANGE: Southern Arizona.

## ELAPIDAE (FAMILY)

**Micrurus** (GENUS)

WAGLER in Spix, Serp. Brasil., 1824, p. 48

TYPE: *spixii*

CORAL-SNAKES

**Micrurus euryxanthus** (KENNICOTT)*Elaps euryxanthus* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1860, p. 337.

*Elaps euryxanthus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1125, fig. 324.

TYPE LOCALITY: Sonora.

RANGE: Southern New Mexico, Arizona and northern Mexico.

**Micrurus fulvius** (LINNÉ)*Coluber fulvius* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 381.

*Elaps fulvius* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1120, figs. 321, 322.

TYPE LOCALITY: Carolina.

RANGE: South Carolina and Mississippi to Florida, the Gulf States, Mexico and Central America.

## CROTALIDAE (FAMILY)

**Agkistrodon** (GENUS)

BEAUVOIS, Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 381

TYPE: *mokasen***Agkistrodon mokasen** BEAUVOIS

COPPERHEAD

*Agkishodon*<sup>1</sup> *mokasen* BEAUVOIS

Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 370.

*Ancistrodon contortrix* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1135, fig. 326.

<sup>1</sup> Typographical error.

TYPE LOCALITY: America.

RANGE: Massachusetts southward to northern Florida, westward to Illinois, Arkansas and Texas.

**Agkistrodon piscivorus (LACÉPÈDE)**

COTTON-MOUTH MOCCASIN

*Crotalus piscivorus* LACÉPÈDE

Hist. Nat. Serp., Vol. 2, 1789, table méthod., p. 130.

*Ancistrodon piscivorus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1133, fig. 325.

TYPE LOCALITY: Carolina.

RANGE: Virginia to Florida and the Gulf States.

**Sistrurus (GENUS)**

GARMAN, Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 110

TYPE: *miliarius*

**Sistrurus catenatus catenatus (RAFINESQUE)**

MASSASAUGA

*Crotalinus catenatus* RAFINESQUE

Amer. Month. Mag. Crit. Rev., Vol. 4, No. 1, Nov. 1818, p. 41.

*Sistrurus catenatus* GARMAN

Mem. Mus. Comp. Zoöl., Vol. 8, Pt. 3, 1883, p. 176.

*Sistrurus catenatus catenatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1146, fig. 329.

TYPE LOCALITY: Prairies of the upper Missouri.

RANGE: Western New York, through Ohio to Nebraska, northward into Michigan and Ontario, southward to Kansas.

**Sistrurus catenatus edwardsii (BAIRD and GIRARD)**

*Crotalophorus edwardsii* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 15.

*Sistrurus catenatus edwardsii* STEJNEGER

Ann. Rep. U. S. Nat. Mus. 1893 (1895), p. 416.

*Sistrurus catenatus edwardsii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1144, fig. 328.

TYPE LOCALITY: Tamaulipas, Mexico.

RANGE: Oklahoma southward through western Texas to north-eastern Mexico.

**Sistrurus miliarius (LINNÉ)**

GROUND RATTLER

*Crotalus miliarius* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 372.

*Sistrurus miliarius* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 177.

*Sistrurus miliarius* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1141, fig. 327.

TYPE LOCALITY: Carolina.

RANGE: North Carolina to Florida westward to Oklahoma and Texas, northward in the Mississippi basin to Arkansas.

*Crotalus* (GENUS)

LINNÉ, Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214

TYPE: *horridus*

## RATTLESNAKES

*Crotalus adamanteus* BEAUVOIS

## DIAMOND-BACK RATTLER

*Crotalus adamanteus* BEAUVOIS

Trans. Amer. Philos. Soc., Vol. 4, 1799, p. 368.

*Crotalus adamanteus adamanteus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1161, fig. 333.

TYPE LOCALITY: United States.

RANGE: Southern North Carolina to Florida, westward to Louisiana and Arkansas.

*Crotalus atrox* BAIRD and GIRARD*Crotalus atrox* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 5.

*Crotalus adamanteus atrox* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1164, fig. 334.

*Crotalus adamanteus scutulatus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1158, fig. 332.

TYPE LOCALITY: San Pedro, Texas.

RANGE: Texas and northern Mexico to Arizona, also Lower California.

*Crotalus cerastes* HALLOWELL

## SIDEWINDER

*Crotalus cerastes* HALLOWELL

Proc. Ac. Nat. Sci. Phila., Vol. 7, 1854, p. 95.

*Crotalus cerastes* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1196, fig. 347.

TYPE LOCALITY: Mojave Desert.

RANGE: Southern California, southern Nevada, Arizona, southwestern Utah.

**Crotalus confluentus** SAY**PRAIRIE RATTLER***Crotalus confluentus* SAY

Long's Exp. Rocky Mts., Vol. 2, 1823, p. 48.

*Crotalus confluentus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1169, figs. 336-338.

**TYPE LOCALITY:** "Valley of the Arkansa" near Bell's Springs, Colorado.**RANGE:** The Great Plains, from about the 96th Meridian to the Rocky Mountains and from Southern Canada to Texas.**Crotalus enyo** (COPE)*Caudisoma enyo* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 293.

*Crotalus enyo* COPE

Bull. U. S. Nat. Mus., No. 1, 1875, p. 33.

*Crotalus enyo* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1189, fig. 343.

**TYPE LOCALITY:** Cape St. Lucas, Lower California.**RANGE:** Extreme southern Lower California.**Crotalus exsul** GARMAN*Crotalus exsul* GARMAN

Mem. Mus. Comp. Zool., Vol. 8, Pt. 3, 1883, p. 114.

*Crotalus ruber* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1167, fig. 335.

**TYPE LOCALITY:** Cedros Island, Lower California.**RANGE:** Southern and Lower California.**Crotalus horridus** LINNÉ**BANDED RATTLESNAKE, BLACK RATTLESNAKE, TIMBER RATTLESNAKE, CANEBREAK RATTLESNAKE (FOR VARIOUS VARIANTS IN COLORATION)***Crotalus horridus* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 214.

*Crotalus horridus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1185, fig. 342.

**TYPE LOCALITY:** America.**RANGE:** Maine to Georgia, westward to Great Plains.**Crotalus lepidus** (KENNICOTT)*Caudisoma lepidus* KENNICOTT

Proc. Ac. Nat. Sci. Phila., 1861, p. 206.

*Crotalus lepidus* COPE

Proc. Ac. Nat. Sci. Phila., 1883, p. 13.

***Crotalus lepidus* COPE**

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1191, fig. 344.

TYPE LOCALITY: Presidio and Eagle Pass, Texas.

RANGE: Border region in Texas, New Mexico, Arizona and adjacent Mexico.

***Crotalus mitchellii* (COPE)**

*Caudisoma mitchellii* COPE

Proc. Ac. Nat. Sci. Phila., 1861, p. 293.

*Crotalus mitchellii* COPE

Wheeler's Surv. West 100 Mer., Vol. 5, 1875, p. 535.

*Crotalus mitchellii* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1193, figs. 345, 346.

TYPE LOCALITY: Cape St. Lucas, Lower California.

RANGE: Arizona, Colorado Desert to southern Lower California.

***Crotalus molossus* BAIRD and GIRARD**

*Crotalus molossus* BAIRD and GIRARD

Cat. N. Amer. Rept., Pt. 1, 1853, p. 10.

*Crotalus molossus* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1154, fig. 330.

TYPE LOCALITY: Fort Webster, New Mexico.

RANGE: Southern Texas to southern Arizona, also northern Mexico.

***Crotalus oregonus* HOLBROOK**

*Crotalus oregonus* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 4, 1840, p. 115, pl. 29 [= 24]

*Crotalus confluentus lucifer* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1176, fig. 339.

TYPE LOCALITY: Columbia River.

RANGE: British Columbia to southern California, western Idaho and Nevada.

***Crotalus pricei* VAN DENBURGH**

*Crotalus pricei* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 856.

*Crotalus pricei* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1184.

TYPE LOCALITY: Huachuca Mts., Arizona.

RANGE: Southern Arizona and the adjacent region in Mexico.

***Crotalus tigris* KENNICOTT**

*Crotalus tigris* KENNICOTT

U. S. Mex. Bound. Surv., Vol. 2, 1859, Rept., p. 14, pl. 4.

*Crotalus tigris* COPE

Ann. Rep. U. S. Nat. Mus. 1898 (1900), p. 1181, fig. 341.

TYPE LOCALITY: Deserts of the Gila and Colorado Rivers, Arizona.

RANGE: Southern California, southern Nevada, and southern Arizona.

*Crotalus willardi* MEEK*Crotalus willardi* MEEK

Field Columb. Mus. Publ. Zool., Vol. 7, No. 1, Jan. 1906, p. 18, pl. 3.

TYPE LOCALITY: Tombstone, Arizona.

RANGE: Santa Rita Mountain Region, Arizona, and northern Mexico.

## SYNAPSIDA (SUBCLASS)

OSBORN, Science (N. S.), Vol. 17, Feb. 13, 1903, p. 276

## TESTUDINATA (ORDER)

OPPEL, Ordn. Rept., 1811, p. 3

## KINOSTERNIDAE (FAMILY)

## Kinosternon (GENUS)

SPIX, Testud. Brasil., 1824, p. 17

TYPE: *longicaudatum* = scorpioides.

STINK-POTS, MUSK-TURTLES OR MUD-TURTLES

*Kinosternon baurii* GARMAN*Cinosternum baurii* GARMAN

Bull. Essex Inst., Vol. 23, 1891, p. 141.

TYPE LOCALITY: Key West, Florida.

RANGE: Florida.

*Kinosternon carinatum* (GRAY)*Aromochelys carinata* GRAY

Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 199.

TYPE LOCALITY: Louisiana.

RANGE: Western Georgia to Louisiana.

*Kinosternon flavescens* (AGASSIZ)*Platythya flavescens* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 430; Vol. 2, pl. 5, figs. 12-15.

*Cinosternum flavescens* COPE

Bull. U. S. Nat. Mus., No. 1, 1875, p. 52.

TYPE LOCALITY: Texas, Arizona.

RANGE: Texas, north to Kansas and Colorado, west to Arizona.

**Kinosternon odoratum** (LATREILLE)*Testudo odorata* LATREILLE

Hist. Nat. Rept., Vol. 1, 1802, p. 122.

*Kinosternon odoratum* GRAY

Syn. Rept., 1831, p. 35.

TYPE LOCALITY: Carolina.

RANGE: Eastern and southern United States from Canada south; west to western Missouri and southern Texas.

**Kinosternon sonoriense** LE CONTE*Kinosternum sonoriense* LE CONTE

Proc. Ac. Nat. Sci. Phila., 1854, p. 184.

TYPE LOCALITY: Tucson, Arizona.

RANGE: Southwestern Texas through southern New Mexico and Arizona into southeastern California; northern Mexico.

**Kinosternon steindachneri** SIEBENROCK*Cinosternum steindachneri* SIEBENROCK

Zool. Anz., Vol. 30, Oct. 16, 1906, p. 727.

TYPE LOCALITY: Orlando, Florida.

RANGE: Central Florida.

**Kinosternon subrubrum subrubrum**<sup>1</sup> (LACÉPÈDE)*Testudo subrubra* LACÉPÈDE

Hist. Nat. Quadr. Ovip. Serp., Vol. 1, 1788, synops. méth., tabl. betw. pp. 618 and 619 (comp. p. 132).

TYPE LOCALITY: Pennsylvania.

RANGE: Eastern United States, exclusive of peninsular Florida, west to Indiana and southeastern Illinois and Tennessee.

**Kinosternon subrubrum hippocrepis** (GRAY)*Kinosternon hippocrepis* GRAY

Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 198.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Southern Alabama to Texas, north in the Mississippi Valley to southeastern Missouri.

<sup>1</sup> This is the species usually known as *Kinosternon pensilvanicum* (GMELIN) 1789. Both names are based on the same figure in Edward's "Glanures".

## CHELYDRIDAE (FAMILY)

**Macrochelys** (GENUS)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 200

TYPE: *temminckii***Macrochelys temminckii** (HOLBROOK)

## ALLIGATOR-SNAPPER

*Chelonura temminckii* HOLBROOK

N. Amer. Herp., Ed. 1, 1840, Vol. 4, p. 29, pl. 4.

*Macrochelys temminckii* GRAY

Proc. Zool. Soc., London, 1855 (Jan. 22, 1856) p. 200.

TYPE LOCALITY: Mississippi River and tributaries.

RANGE: Texas east to southeastern Georgia and northern Florida,  
north in the Mississippi basin to northern Missouri.**Chelydra** (GENUS)

SCHWEIGGER, Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 292

TYPE: *serpentina***Chelydra serpentina** (LINNÉ)

## COMMON SNAPPER

*Testudo serpentina* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 199.

*Chelydra serpentina* SCHWEIGGER

Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 293.

TYPE LOCALITY: "Warmer regions."

RANGE: Eastern North America from southern Canada to the  
Gulf of Mexico and west to the Rocky Mountains.

## TESTUDINIDAE (FAMILY)

**Clemmys** (GENUS)

RITGEN, Nova Acta Ac. Leopold.-Carol., Vol. 14, Pt. 1, 1823, p. 272

TYPE: *punctata* = *guttata***Clemmys guttata** (SCHNEIDER)

## SPOTTED TURTLE

*Testudo guttata* SCHNEIDER

Schr. Ges. Naturf. Freunde Berlin, Vol. 10, 1792, p. 264.

*Clemmys guttata* STRAUCH

Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 107.



**TYPE LOCALITY:** Unknown.

**RANGE:** Eastern United States from Maine to northern Florida; in northern part west and north to southern Michigan.

***Clemmys insculpta* (LE CONTE)**

**WOOD-TURTLE**

*Testudo insculpta* LE CONTE

Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 112.

*Clemmys insculpta* STRAUCH

Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 104.

**TYPE LOCALITY:** Northern (United) States.

**RANGE:** Eastern United States from Maine to the District of Columbia, west to Michigan and Wisconsin; southwestern Ontario.

***Clemmys marmorata* (BAIRD and GIRARD)**

*Emys marmorata* BAIRD and GIRARD

Proc. Ac. Nat. Sci. Phila., Vol. 6, 1852, p. 177.

*Clemmys marmorata* STRAUCH

Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 108.

**TYPE LOCALITY:** Puget Sound, Washington.

**RANGE:** Pacific Slope from Puget Sound to San Diego, California.

***Clemmys muhlenbergii* (SCHOEFF)**

*Testudo muhlenbergii* SCHOEFF

Hist. Testud. Pt. 6, 1801, p. 132, pl. 31.

*Clemmys muhlenbergii* STRAUCH

Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 8, No. 13, 1865, p. 67.

**TYPE LOCALITY:** Lancaster, Pennsylvania.

**RANGE:** New Jersey, southeastern corner of Pennsylvania and of New York, north to Rhode Island.

***Clemmys nuchalis* DUNN**

*Clemmys nuchalis* DUNN

Bull. Amer. Mus. Nat. Hist., Vol. 37, 1917, p. 624, pl. 61.

**TYPE LOCALITY:** Yonahlossee Road, about 3 miles from Linville, North Carolina.

**RANGE:** Brevard and Linville, North Carolina.

**Emys (GENUS)**

DUMÉRIL, Zool. Anal., 1806, p. 76

TYPE: *Europea***Emys blandingii (HOLBROOK)****BLANDING'S TURTLE***Cistudo blandingii* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 3, 1838, p. 35, pl. 5.

*Emys blandingii* Strauch

Mém. Ac. Sci. St. Pétersbourg, Ser. 7, Vol. 5, No. 7, 1862, p. 28.

TYPE LOCALITY: Fox River, Illinois.

RANGE: Northern Illinois and Indiana, west and north to Minnesota, Michigan and east to New England; Long Island.

**Terrapene (GENUS)**

MERREM, Tent. Syst. Amphib., 1820, p. 27

TYPE: *clausa* = *carolina***BOX-TURTLES****Terrapene carolina carolina (LINNÉ)***Testudo carolina* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, p. 198.

*Terrapene carolina* BELL

Zool. Journ., Vol. 2, 1825, p. 309.

TYPE LOCALITY: Carolina.

RANGE: Eastern United States from Maine to Georgia, west to Tennessee, western Illinois and northwards to central Michigan.

**Terrapene carolina triunguis (AGASSIZ)***Cistudo triunguis* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.

*Terrapene carolina triunguis* STRECKER

Proc. Biol. Soc. Washington, Vol. 23, 1910, p. 121.

TYPE LOCALITY: New Orleans, Louisiana.

RANGE: Coastal plain of the Gulf of Mexico, north in the Mississippi Basin to Missouri, west into Oklahoma and southern Texas.

**Terrapene major (AGASSIZ)***Cistudo major* AGASSIZ

Contr. Nat. Hist., U. S., Vol. 1, 1857, p. 445.

*Terrapene major* BAUR

Science, N. S., Vol. 17, April 3, 1891, p. 190.

**TYPE LOCALITY:** Mobile, Alabama; Florida.

**RANGE:** Florida, north into southern Georgia, west into southeastern Texas.

***Terrapene ornata* (AGASSIZ)**

*Cistudo ornata* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 445.

*Terrapene ornata* BAUR

Science, N. S., Vol. 17, April 3, 1891, p. 191.

**TYPE LOCALITY:** The Upper Missouri and Iowa.

**RANGE:** Indiana, Illinois, and territory between the Missouri and Mississippi Rivers and the Rocky Mountains from the Yellowstone River in the north to the Gulf of Mexico in the south, southern New Mexico and Arizona and northern Mexico.

***Malaclemys* (GENUS)**

GRAY, Cat. Tort. Brit. Mus., 1844, p. 28

TYPE: *concentrica*

**DIAMOND-BACK TERRAPINS**

***Malaclemys centrata centrata* (LATREILLE)**

*Testudo centrata* LATREILLE

Hist. Nat. Rept, Vol. 1, 1802, p. 145.

*Malaclemys centrata* LOENNBURG

Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 319.

**TYPE LOCALITY:** Carolina.

**RANGE:** Coast strip from neighborhood of Cape Hatteras, south to Florida.

***Malaclemys centrata concentrica* (SHAW)**

*Testudo concentrica* SHAW

Gen. Zool., Vol. 3, 1802, p. 43, pl. 9.

*Malaclemmys centrata concentrica* W. P. HAY

Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16.

**TYPE LOCALITY:** Philadelphia markets.

**RANGE:** Coast strip from Buzzards Bay to North Carolina, Delaware and Chesapeake Bays.

***Malaclemmys pileata pileata* (WIED)**

*Emys pileata* WIED

Nova Acta Ac. Leopold.-Carol., Vol. 32, 1865, p. 17, pl. 1, figs. 2, 3.

*Malaclemmys pileata* W. P. HAY

Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 17.

**TYPE LOCALITY:** New Orleans, Louisiana.

**RANGE:** Coast from mouth of Mississippi River eastwards to Florida.

**Malaclemys pileata littoralis** (W. P. HAY)*Malaclemmys littoralis* W. P. HAY

Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 18, pls. 8, 9, 12, figs. 2, 3.

TYPE LOCALITY: Rockport, Texas.

RANGE: Coast of Texas and outlying islands.

**Malaclemys pileata macrospilota** (W. P. HAY)*Malaclemmys macrospilota* W. P. HAY

Bull. U. S. Bur. Fish., Vol. 24, 1904, p. 16, pls. 6, 7, 11, fig. 1.

TYPE LOCALITY: Charlotte Harbor, Florida.

RANGE: Western coast of Florida.

**Gratemys** (GENUS)

AGASSIZ, Contr. Nat. Hist. U.S., Vol. 1, 1857, p. 436

TYPE: *geographica*

MAP-TURTLES

**Gratemys geographica** (LE SUEUR)*Testudo geographica* LE SUEUR

Journ. Ac. Nat. Hist. Phila., Vol. 1, Pt. 1, 1817, p. 86, pl. 5.

*Gratemys geographica* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 436.

TYPE LOCALITY: Marsh on the border of Lake Erie.

RANGE: Mississippi Valley north to Iowa, northern Illinois, southern Michigan east to Pennsylvania and New York as far as Lake Champlain; eastern Tennessee and southwestern Virginia, west to southwestern Missouri, eastern Oklahoma and northeastern Texas.

**Gratemys pseudogeographica pseudogeographica** (GRAY)*Emys pseudogeographica* GRAY

Syn. Rept., 1831, p. 31 ("Le Sueur" in synonymy).

*Gratemys pseudogeographica* GRAY

Ann. Mag. Nat. Hist., Ser. 3, Vol. 12, Sept. 1863, p. 180.

TYPE LOCALITY: Wabash River, New Harmony, Indiana.

RANGE: Mississippi Valley, east to Alabama and Ohio, north to Wisconsin and northern Iowa; west to eastern Kansas and Oklahoma.

**Gratemys pseudogeographica kohnii** (BAUR)*Malacoclemmys kohnii* BAUR

Science, N. S., Vol. 16, Nov. 7, 1890, p. 263.

TYPE LOCALITY: Bayou Lafourche, B. Teche, and St. Martinsville, Louisiana.

RANGE: Gulf strip from Pensacola to eastern Texas.

**Gratemys pseudogeographica oculifera (BAUR)***Malacoclemmys oculifera* BAUR

Science, N. S., Vol. 16, Nov. 17, 1890, p. 262.

**TYPE LOCALITY:** Mandeville, Louisiana.**RANGE:** Southern Louisiana.**Chrysemys (GENUS)**

GRAY, Cat. Tort. Brit. Mus., 1844, p. 27

**TYPE:** *picta*

PAINTED TURTLES, SOLDIER TURTLES

**Chrysemys marginata marginata (AGASSIZ)***Chrysemys marginata* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 439, Vol. 2, pl. 1, fig. 6, pl. 5, figs 1-4.

**TYPE LOCALITY:** Wisconsin, Michigan, Indiana, Iowa.**RANGE:** Central lowland, west to the Mississippi and the Missouri, north into Wisconsin, Michigan, and northern New York.**Chrysemys marginata bellii (GRAY)***Emys bellii* GRAY

Syn. Rept., 1831, p. 31.

**TYPE LOCALITY:** Unknown.**RANGE:** Great plains west of the Mississippi, southwest into New Mexico and northern Mexico; northwest into Montana, the Columbia basin, British Columbia and Vancouver Island; northeast into northeastern Minnesota and upper Michigan.**Chrysemys marginata dorsalis (AGASSIZ)***Chrysemys dorsalis* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 440.

**TYPE LOCALITY:** Mississippi and Louisiana.**RANGE:** Mississippi Valley north to southern Missouri.**Chrysemys marginata treleasei (HURTER)***Chrysemys treleasei* HURTER

Trans. Ac. Sci. St. Louis, Vol. 20, July 28, 1911, p. 255, pl. 23, fig. 3, pl. 24

**TYPE LOCALITY:** St. Clair and Madison Cos., Illinois.**RANGE:** St. Clair and Madison Cos., Illinois.**Chrysemys picta (SCHNEIDER)***Testudo picta* SCHNEIDER

Naturg. Schildkr., 1783, p. 348.

*Chrysemys picta* GRAY

Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 32 (part).

TYPE LOCALITY: Unknown, said to have been England.

RANGE: Eastern North America from New Brunswick to Georgia.

*Pseudemys* (GENUS)

GRAY, Proc. Zool. Soc. London, 1855 (Jan. 22, 1856), p. 197

TYPE: *concinna*

SLIDERS OR COOTERS

*Pseudemys alabamensis* BAUR*Pseudemys alabamensis* BAUR

Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 224.

TYPE LOCALITY: Mobile Bay, Alabama.

RANGE: Gulf coast from Florida to Louisiana.

*Pseudemys concinna* (LE CONTE)*Testudo concinna* LE CONTE

Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 106.

*Pseudemys concinna* GRAY

Cat. Shield Rept. Brit. Mus., Pt. 1, March 8, 1856, p. 34.

TYPE LOCALITY: Rivers of Georgia and Carolina above Augusta and Columbia.

RANGE: Eastern rivers from Georgia to southern Maryland.

*Pseudemys elegans* (WIED)*Emys elegans* WIED

Reise Nord-Amer., Vol. 1, Pt. 4, 1838, p. 213.

*Pseudemys elegans* COPE

Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.

TYPE LOCALITY: New Harmony, Indiana.

RANGE: Southern Texas and Mississippi basin north to Iowa, northern Indiana and Ohio.

*Pseudemys floridana* (LE CONTE)*Testudo floridana* LE CONTE

Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 100.

*Pseudemys floridana* BAUR

Proc. Amer. Philos. Soc., Vol. 31, 1893, p. 223.

TYPE LOCALITY: St. John's River, Florida.

RANGE: Florida into southern Georgia.

*Pseudemys hieroglyphica* (HOLBROOK)*Emys hieroglyphica* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 47, pl. 2.

*Pseudemys hieroglyphica* H. GARMAN

Bull. Illinois Lab. Nat. Hist., Vol. 3, 1892, p. 231.

TYPE LOCALITY: Cumberland River, Tennessee.

RANGE: Rivers of southern Appalachians.

*Pseudemys ornata nebulosa* (VAN DENBURGH)*Chrysemys nebulosa* VAN DENBURGH

Proc. California Ac. Sci., Ser. 2, Vol. 5, 1895, p. 84, pls. 4-6.

TYPE LOCALITY: Los Dolores, abreast of San José Island, Lower California.

RANGE: Southern Lower California.

*Pseudemys rubriventris* (LE CONTE)*Testudo rubriventris* LE CONTE

Ann. Lyc. Nat. Hist. New York, Vol. 3, 1830, p. 101.

*Pseudemys rubriventris* LOENNBORG

Proc. U. S. Nat. Mus., Vol. 17, Nov. 15, 1894, p. 318.

TYPE LOCALITY: Delaware River, near Trenton, New Jersey.

RANGE: Atlantic coast from Florida to New Jersey; Plymouth, Massachusetts.

*Pseudemys scripta* (SCHOEFFER)*Testudo scripta* SCHOEFFER

Hist. Testud., Pts. 1-2, 1792, p. 16, pl. 3, figs. 4, 5.

*Pseudemys scripta* JORDAN

Man. Vertebr. Anim. North U. S., Ed. 8, 1899, p. 209.

TYPE LOCALITY: Unknown.

RANGE: Georgia to North Carolina.

*Pseudemys texana* BAUR*Pseudemys texana* BAUR

Proc. Amer. Philos. Soc., Vol. 31, July, 1893, p. 223.

TYPE LOCALITY: San Antonio, Texas.

RANGE: Southwestern Missouri, western Arkansas and Texas to northeastern Mexico.

*Pseudemys troostii* (HOLBROOK)*Emys troostii* HOLBROOK

N. Amer. Herp., Ed. 1, Vol. 1, 1836, p. 55, pl. 4.

*Pseudemys troostii* COPE

Bull. U. S. Nat. Mus., No. 1, 1875, p. 53.

TYPE LOCALITY: Cumberland River, Tennessee.

RANGE: Mississippi Valley, north to northern Missouri and southern Indiana.

**Deirochelys** (*GENUS*)

AGASSIZ, Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 441

TYPE: *reticulata* = *reticularia***Deirochelys reticularia** (LATREILLE)

## CHICKEN TURTLE

*Testudo reticularia* LATREILLE

Hist. Nat. Rept., Vol. 1, 1802, p. 124.

*Deirochelys reticularia* GRAY

Suppl. Cat. Shield Rept. Brit. Mus., Pt. 1, 1870, p. 39 (part).

TYPE LOCALITY: Carolina.

RANGE: Coastal Plain from Beaufort, North Carolina to and including the Mississippi alluvial plain; south to central Florida.

**Gopherus** (*GENUS*)

RAFINESQUE, Atlantic Journ., Vol. 1, No. 2, 1832, p. 64

TYPE: *polyphemus*

## GOPHER-TURTLES

**Gopherus agassizii** (COOPER)*Xerobates agassizii* COOPER

Proc. California Ac. Sci., Vol. 2, 1863, p. 120.

*Gopherus agassizii* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Mountains near Ft. Mojave, California.

RANGE: Deserts of southwestern Arizona, and southeastern California into Nevada.

**Gopherus berlandieri** (AGASSIZ)*Xerobates berlandieri* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 447, Vol. 2, pl. 3, figs. 17-19.

*Gopherus berlandieri* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Lower Rio Grande, Texas.

RANGE: Southwestern corner of Texas into northeastern Mexico.

**Gopherus polyphemus** (DAUDIN)*Testudo polyphemus* DAUDIN

Hist. Nat. Rept., Vol. 2, 1803, p. 256.

*Gopherus polyphemus* STEJNEGER

N. Amer. Fauna, No. 7, May 31, 1893, p. 161.

TYPE LOCALITY: Savanna and Altamaha Rivers, Georgia.

RANGE: Coast from southern South Carolina to Florida and the Mississippi River north into southern Arkansas.



## CHELONIIDAE (FAMILY)

*Chelonia* (GENUS)

LATREILLE, Hist. Nat. Rept., Vol. 1, 1802, p. 22

TYPE: *mydas*

GREEN-TURTLES

*Chelonia agassizii* BOCOURT*Chelonia agassizii* BOCOURT

Ann. Sci. Nat., Ser. 5, Zool., Vol. 10, Pts. 1-3, 1868, p. 122.

TYPE LOCALITY: Guatemala, mouth of Nagualate in the Pacific.

RANGE: Pacific Ocean, north to coasts of Lower California and southern California.

*Chelonia mydas* (LINNÉ)*Testudo mydas* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.

*Chelonia mydas* SCHWEIGER

Königsberg. Arch. Naturw. Math., Vol. 1, 1812, Pt. 3, p. 412.

TYPE LOCALITY: Ascension Island, etc.

RANGE: Atlantic Ocean; Gulf of Mexico, occasionally as far north as Massachusetts.

*Eretmochelys* (GENUS)

FITZINGER, Syst. Rept., 1843, p. 30

TYPE: *imbricata*

SHELL-TURTLES, HAWKS-BILLS

*Eretmochelys imbricata* (LINNÉ)*Testudo imbricata* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.

*Eretmochelys imbricata* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 381.

TYPE LOCALITY: American Seas.

RANGE: Florida and Gulf coasts; occasionally as far north as Massachusetts.

*Eretmochelys squamosa* (GIRARD)*Caretta squamosa* GIRARD

Herpet. U. S. Expl. Exped., 1858, p. 442, pl. 30, figs. 1-7

*Eretmochelys squamosa* STEJNEGER

Bull. U. S. Nat. Mus., No. 58, 1907, p. 511.

TYPE LOCALITY: Sulu Seas and Indian Ocean.

RANGE: Pacific Ocean; coast of Lower California.

*Caretta* (GENUS)

RAFINESQUE, Specchio Sci. (Palermo), Vol. 2, No. 9, 1 Sept., 1814, p. 66

TYPE: *nasuta* = *caretta*

## LOGGERHEAD TURTLES

*Caretta caretta* (LINNÉ)

*Testudo caretta* LINNÉ

Syst. Nat., Ed. 10, Vol. 1, 1758, p. 197.

*Caretta caretta* STEJNEGER

Ann. Rep. U. S. Nat. Mus. 1902 (1904), p. 715.

TYPE LOCALITY: "About the American Islands."

RANGE: Atlantic Ocean, breeding as far north as Beaufort, North Carolina; north occasionally to coast of Massachusetts.

*Caretta kempii* (GARMAN)

## BASTARD-TURTLE

*Thalassochelys (Colpochelys) kempii* GARMAN

Bull. Mus. Comp. Zool., Vol. 6, 1880, p. 123.

*Caretta kempii* SIEBENROCK

Zool. Jahrb. Suppl., Vol. 10, Pt. 3, 1909, p. 551.

TYPE LOCALITY: Gulf of Mexico.

RANGE: Northeastern part of Gulf of Mexico north to Cape Hatteras, and accidentally to the coast of Massachusetts.

*Caretta olivacea* (ESCHSCHOLTZ)

*Chelonia olivacea* ESCHSCHOLTZ

Zool. Atlas, Pt. 1, 1829, p. 2, pl. 3.

*Caretta olivacea* RUEPPELL

Neue Wirbelth. Abyssin., Amph., 1835, p. 7.

TYPE LOCALITY: Manila Bay, P. I.

RANGE: Tropical Pacific straggling to the California coast.

## DERMOCHELIDAE (FAMILY)

*Dermochelys* (GENUS)

BLAINVILLE, Bull. Soc. Philom. Paris, 1816, p. 111 bis (= 119)

TYPE: *coriacea*

*Dermochelys coriacea* (LINNÉ)

*Testudo coriacea* LINNÉ

Syst. Nat., Ed. 12, Vol. 1, 1766, p. 350.

*Dermochelys coriacea* BOULENGER

Cat. Chel. Brit. Mus., 1889, p. 10.

TYPE LOCALITY: Mediterranean Sea.

RANGE: Atlantic Ocean; occasionally on entire coast as far north as Maine.

**Dermochelys schlegelii** (GARMAN)

*Sphargis coriacea* var. *schlegelii* GARMAN

Bull. U. S. Nat. Mus., No. 25, 1884, p. 303.

*Dermochelys schlegelii* STEJNEGER

Bull. U. S. Nat. Mus., No. 58, 1907, p. 485.

TYPE LOCALITY: Tropical Pacific and Indian Ocean.

RANGE: Tropical Pacific Ocean; coasts of Lower California and Southern California.

TRIONYCHIDAE (FAMILY)

**Amyda** (GENUS)

OKEN, Lehrb. Zool., Vol. 2, 1816, p. 348

TYPE: *euphratica*

SOFT-SHELLED TURTLES

**Amyda emoryi** (AGASSIZ)

*Aspidonectes emoryi* AGASSIZ

Contr. Nat. Hist. U. S., Vol. 1, 1857, p. 407, Vol. 2, pl. 6, figs. 4, 5.

TYPE LOCALITY: Rio Grande River, near Brownsville, Texas.

RANGE: Rivers of Texas, north into southern Oklahoma and Arkansas.

**Amyda ferox** (SCHNEIDER)

*Testudo ferox* SCHNEIDER

Naturl. Schildkr., 1783, p. 330.

*Amyda ferox* OKEN

Lehrb. Zool., Vol. 2, 1816, p. 348.

TYPE LOCALITY: Savanna River, Georgia.

RANGE: South Carolina to Florida and Louisiana.

**Amyda mutica** (LE SUEUR)

*Trionyx muticus* LE SUEUR

Mém. Mus. Hist. Nat. Paris, Vol. 15, Dec. 1827, p. 263, pl. 7.

*Amyda mutica* AGASSIZ

Contr. Nat. Hist. U. S., 1857, Vol. 1, p. 399.

TYPE LOCALITY: Wabash River at New Harmony, Ind.

RANGE: Middle and Northern tributaries of the Mississippi and St. Lawrence Rivers.

***Amyda spinifera* (LE SUEUR)***Trionyx spiniferus* LE SUEUR

Mém. Mus. Hist. Nat. Paris, Vol. 15, Dec. 1827, p. 258, pl. 6.

*Amyda spinifera* HURTER

Trans. Ac. Sci. St. Louis, Vol. 20, 1911, p. 251.

**TYPE LOCALITY:** Wabash River at New Harmony, Indiana.**RANGE:** Mississippi River and tributaries west to Colorado, north to Montana; St. Lawrence River and tributaries; east to Vermont, western New York and Pennsylvania.

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